SEQUENCE LISTING

<110>   ISIS INNOVATION LIMITED
         ANDERSON, Robert Paul
         HILL, Adrian Vivian Sinton
         JEWELL, Derek Parry

<120>   THERAPEUTIC EPITOPES AND USES THEREOF

<130>   142769 / P035468WO

<140>   PCT/GB03/02450
<141>   2003-06-05

<150>   GB 0212885.8
<151>   2002-06-05

<160>   758

<170>   SeqWin99, version 1.02

<210>   1
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   1
Pro Gln Pro Glu Leu Pro Tyr
1   5

<210>   2
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<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   2
Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Ser

<210>   3
<211>   266
<212>   PRT
<213>   Homo sapiens

<400>   3
Val Arg Val Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln
1   5   10   15

Gln Pro Gln Glu Gln Val Pro Leu Val Gln Gln Gln Gln Phe Pro Gly
            20   25   30

Gln Gln Gln Gln Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln Pro

1

●   ●
        35   40   45

Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Pro Gln Pro
    50   55   60

Gln Leu Pro Tyr Pro Gln Pro Gln Ser Phe Pro Pro Gln Gln Pro Tyr
65   70   75   80

Pro Gln Pro Gln Pro Gln Tyr Ser Gln Pro Gln Gln Pro Ile Ser Gln
                85   90   95

Gln Gln Ala Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
            100   105   110

Gln Ile Leu Gln Gln Ile Leu Gln Gln Gln Leu Ile Pro Cys Met Asp
        115   120   125

Val Val Leu Gln Gln His Asn Ile Ala His Ala Arg Ser Gln Val Leu
    130   135   140

Gln Gln Ser Thr Tyr Gln Leu Leu Gln Glu Leu Cys Cys Gln His Leu
145   150   155   160

Trp Gln Ile Pro Glu Gln Ser Gln Cys Gln Ala Ile His Asn Val Val
            165   170   175

His Ala Ile Ile Leu His Gln Gln Gln Lys Gln Gln Gln Gln Pro Ser
        180   185   ·   190

Ser Gln Val Ser Phe Gln Gln Pro Leu Gln Gln Tyr Pro Leu Gly Gln
        195   200   205

Gly Ser Phe Arg Pro Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Val
    210   215   220

Gln Pro Gln Gln Leu Pro Gln Phe Glu Glu Ile Arg Asn Leu Ala Leu
225   230   235   240

Gln Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Ala Pro Tyr Cys Thr
            245   250   255

Ile Ala Pro Phe Gly Ile Phe Gly Thr Asn
            260   265

<210>   4
<211>   7
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   4
Pro Gln Pro Gln Leu Pro Tyr
1   5

<210>   5
<211>   20
<212>   PRT
<213>   Artificial Sequence

2

<220>
<223>   wheat gliadin peptide

<400>   5
Leu Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro
1   5   10   15

Gln Ser Phe Pro
            20

<210>   6
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   6
Glu Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Ser

<210>   7
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   7
Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Glu
1   5   10   15

Ser

<210>   8
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   8
Glu Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Glu
1   5   10   15

Ser

<210>   9
<211>   5
<212>   PRT
<213>   Artificial Sequence

<220>

<223> wheat gliadin peptide

<400> 9
Gln Pro Gln Leu Pro
1   5

<210> 10
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 10
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Ser

<210> 11
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 11
Leu Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro
1   5   10   15

Gln Ser Phe Pro
            20

<210> 12
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 12
Pro Gln Leu Pro Tyr
1   5

<210> 13
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 13
Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr
1   5   10

<210> 14

4

<211>   11
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   14
Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln
1   5   10

<210>   15
<211>   14
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   15
Pro Arg Ala Pro Trp Ile Glu Gln Glu Gly Pro Glu Tyr Trp
1   5   10

<210>   16
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   16
Ile Asp Val Trp Leu Gly Gly Leu Leu Ala Glu Asn Phe Leu Pro Tyr
1   5   10   15

<210>   17
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   17
Pro Gln Pro Gln Pro Phe Pro Pro Glu Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Ser

<210>   18
<211>   9
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   18
Phe Pro Gln Pro Gln Leu Pro Tyr Pro

<210>   19
<211>   9
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   19
Phe Pro Gln Pro Gln Gln Pro Phe Pro
1   5

<210>   20
<211>   9
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   20
Pro Gln Gln Pro Gln Gln Pro Phe Pro
1   5

<210>   21
<211>   12
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   21
Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln
1   5   10

<210>   22
<211>   12
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   22
Leu Gln Pro Glu Asn Pro Ser Gln Glu Gln Pro Glu
1   5   10

<210>   23
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<220>
<222>   1-7 and 12-17
<223>   Xaa is any amino acid

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<220>
<222>    10
<223>    Xaa is Ile, Leu, Met or Pro


<220>
<222>    11
<223>    Xaa is Pro, Ser or Thr



<400>    23
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Pro Gln Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1                   5                   10                  15

Xaa


<210>    24
<211>    20
<212>    PRT
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<220>
<223>    wheat gliadin peptide

<400>    24
Val Leu Gln Gln His Asn Ile Ala His Gly Ser Ser Gln Val Leu Gln
1                   5                   10                  15

Glu Ser Thr Tyr
            20

<210>    25
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    25
Ile Lys Asp Phe His Val Tyr Phe Arg Glu Ser Arg Asp Ala Leu Trp
1                   5                   10                  15

Lys Gly Pro Gly
            20

<210>    26
<211>    17
<212>    PRT
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<220>
<223>    wheat gliadin peptide

<400>    26
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1                   5                   10                  15

Pro
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<210>   27
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   27
Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Pro

<210>   28
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   28
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Ser Gln Pro Gln
1   5   10   15

Pro

<210>   29
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   29
Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Ser Gln Pro Gln
1   5   10   15

Pro

<210>   30
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   30
Gln Gln Thr Tyr Pro Gln Arg Pro Gln Gln Pro Phe Pro Gln Thr Gln
1   5   10   15

Gln Pro Gln Gln
            20

<210> 31
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 31
Pro Gln Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln
1   5   10   15

Pro Phe Pro Trp
            20

<210> 32
<211> 20
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 32
Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Leu Pro
1   5   10   15

Phe Pro Gln Gln
            20

<210> 33
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 33
Gln Ala Phe Pro Gln Pro Gln Gln Thr Phe Pro His Gln Pro Gln Gln
1   5   10   15

Gln Phe Pro Gln
            20

<210> 34
<211> 20
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 34
Thr Gln Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Gln Thr Gln
            20

9

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<210>    35
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    35
Pro Ile Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Gln
1               5                   10                  15

Gln Pro Phe Pro
            20

<210>    36
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    36
Pro Gln Gln Ser Phe Ser Tyr Gln Gln Gln Pro Phe Pro Gln Gln Pro
1               5                   10                  15

Tyr Pro Gln Gln
            20

<210>    37
<211>    4
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<213>    Artificial Sequence

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<223>    wheat gliadin peptide

<220>
<222>    2
<223>    Xaa is any amino acid

<400>    37
Gln Xaa Pro Phe
1

<210>    38
<211>    4
<212>    PRT
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<220>
<223>    wheat gliadin peptide

<220>
<222>    2-3
<223>    Xaa is any amino acid

<220>
<222>    4
<223>    Xaa is Phe or Tyr
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<400>   38
Gln Xaa Xaa Xaa
1

<210>   39
<211>   12
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   39
Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Phe Pro
1   5   10

<210>   40
<211>   13
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   40
Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe Pro
1   5   10

<210>   41
<211>   12
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   41
Pro Ile Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro
1   5   10

<210>   42
<211>   12
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   42
Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln
1   5   10

<210>   43
<211>   12
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400> 43
Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln
1   5   10

<210> 44
<211> 18
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 44
Gln Gln Tyr Pro Ser Gly Gln Gly Ser Phe Gln Pro Ser Gln Gln Asn
1   5   10   15

Pro Gln

<210> 45
<211> 6
<212> PRT
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<220>
<223> wheat gliadin peptide

<220>
<222> 3
<223> Xaa is Gln or Leu

<220>
<222> 5
<223> Xaa is Phe or Tyr

<400> 45
Pro Gln Xaa Pro Xaa Pro
1   5

<210> 46
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 46
Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln
1   5   10

<210> 47
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 47
Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Glu Leu Pro Tyr

12

<210>   48
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   48
Gln Gln Leu Pro Gln Pro Glu Gln Pro Gln Gln Ser Phe Pro Glu Gln
1   5   10   15

Glu Arg Pro Phe
            20

<210>   49
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   49
Gln Leu Gln Pro Phe Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Leu

<210>   50
<211>   22
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   50
Pro Gln Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln
1   5   10   15

Pro Phe Pro Trp Gln Pro
            20

<210>   51
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   51
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Leu

<210> 52
<211> 15
<212> PRT
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<220>
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<400> 52
Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Phe Pro Trp
1   5   10   15

<210> 53
<211> 12
<212> PRT
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<220>
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<400> 53
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr
1   5   10

<210> 54
<211> 9
<212> PRT
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<220>
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<400> 54
Pro Phe Pro Gln Pro Gln Leu Pro Tyr
1   5

<210> 55
<211> 9
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 55
Pro Gln Pro Gln Leu Pro Tyr Pro Gln
1   5

<210> 56
<211> 9
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 56
Pro Tyr Pro Gln Pro Gln Leu Pro Tyr
1   5

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<210>    57
<211>    11
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    57
Pro Gln Gln Pro Tyr Pro Gln Pro Gln Pro Gln
1                 5                 10


<210>    58
<211>    9
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    58
Pro Gln Gln Ser Phe Pro Gln Gln Gln
1                 5


<210>    59
<211>    8
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    59
Ile Ile Pro Gln Gln Pro Ala Gln
1                 5


<210>    60
<211>    13
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    60
Phe Pro Gln Gln Pro Gln Gln Pro Tyr Pro Gln Gln Pro
1                 5                 10


<210>    61
<211>    12
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    61
Phe Ser Gln Pro Gln Gln Gln Phe Pro Gln Pro Gln
1                 5                 10


<210>    62
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<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    62
Leu Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Tyr Pro
1                5                    10                   15

Gln Gln Pro Gln
          20

<210>    63
<211>    13
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    63
Gln Ser Glu Gln Ser Gln Gln Pro Phe Pro Gln Gln Phe
1                5                    10

<210>    64
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<223>    wheat gliadin peptide

<220>
<222>    2
<223>    Xaa is Ile or Leu

<400>    64
Gln Xaa Pro Gln Gln Pro Gln Gln Phe
1                5

<210>    65
<211>    10
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    65
Pro Phe Ser Gln Gln Gln Gln Ser Pro Phe
1                5                    10

<210>    66
<211>    8
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide
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16

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<400>    66
Pro Phe Ser Gln Gln Gln Gln Gln
1               5


<210>    67
<211>    17
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    67
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Leu Gln Pro Gln
1               5                   10                  15

Pro


<210>    68
<211>    17
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    68
Gln Leu Gln Pro Phe Pro Arg Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1               5                   10                  15

Pro


<210>    69
<211>    17
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    69
Gln Leu Gln Pro Phe Leu Gln Pro Gln Leu Pro Tyr Ser Gln Pro Gln
1               5                   10                  15

Pro


<210>    70
<211>    17
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    70
Gln Leu Gln Pro Phe Ser Gln Pro Gln Leu Pro Tyr Ser Gln Pro Gln
1               5                   10                  15
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Pro

<210>   71
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   71
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Ser Tyr Ser Gln Pro Gln
1   5   10   15

Pro

<210>   72
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   72
Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Pro

<210>   73
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   73
Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Leu

<210>   74
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   74
Pro Gln Pro Gln Pro Phe Leu Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Ser

<210> 75
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 75
Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Ser

<210> 76
<211> 17
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 76
Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Tyr Gln
1   5   10   15

Pro

<210> 77
<211> 17
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<220>
<223> wheat gliadin peptide

<400> 77
Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Pro Pro
1   5   10   15

Pro

<210> 78
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 78
Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu
1   5   10   15

Gln Val

<210> 79
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 79
Val Pro Gln Leu Gln Pro Glu Asn Pro Ser Gln Gln Gln Pro Gln Glu
1   5   10   15

Gln Val

<210> 80
<211> 18
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 80
Val Pro Gln Leu Gln Pro Arg Asn Pro Ser Gln Gln Gln Pro Gln Glu
1   5   10   15

Gln Val

<210> 81
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<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 81
Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Glu Gln Pro Gln Glu
1   5   10   15

Gln Val

<210> 82
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 82
Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Arg Gln Pro Gln Glu
1   5   10   15

Gln Val

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<210>    83
<211>    18
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    83
Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Glu Glu
1                5                   10                  15

Gln Val


<210>    84
<211>    18
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    84
Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Arg Glu
1                5                   10                  15

Gln Val


<210>    85
<211>    18
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    85
Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Glu Gln Pro Glu Glu
1                5                   10                  15

Gln Val


<210>    86
<211>    18
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    86
Val Pro Gln Leu Gln Pro Glu Asn Pro Ser Gln Gln Gln Pro Glu Glu
1                5                   10                  15

Gln Val
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<210>    87
<211>    18
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    87
Val Pro Gln Leu Gln Pro Glu Asn Pro Ser Gln Glu Gln Pro Gln Glu
1                5                    10                  15

Gln Val


<210>    88
<211>    18
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    88
Val Pro Gln Leu Gln Pro Glu Asn Pro Ser Gln Glu Gln Pro Glu Glu
1                5                    10                  15

Gln Val


<210>    89
<211>    15
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    89
Arg Trp Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln
1                5                    10                  15

<210>    90
<211>    15
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    90
Trp Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln
1                5                    10                  15

<210>    91
<211>    15
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide
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<400> 91
Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro
1   5   10   15

<210> 92
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 92
Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln
1   5   10   15

<210> 93
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 93
Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu
1   5   10   15

<210> 94
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 94
Gln Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln
1   5   10   15

<210> 95
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 95
Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln Val
1   5   10   15

<210> 96
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400>   96
Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln Val Pro
1   5   10   15

<210>   97
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   97
Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln
1   5   10   15

Pro

<210>   98
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   98
Leu Gly Gln Gln Gln Pro Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro
1   5   10   15

Gln Pro Phe

<210>   99
<211>   18
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   99
Gln Gln Tyr Pro Ser Gly Glu Gly Ser Phe Gln Pro Ser Gln Glu Asn
1   5   10   15

Pro Gln

<210>   100
<211>   15
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   100
Gly Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln
1   5   10   15

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<210>    101
<211>    17
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    101
Pro Gln Leu Pro Tyr Pro Gln Pro Glu Leu Pro Tyr Pro Gln Pro Gln
1               5                   10                  15

Pro


<210>    102
<211>    14
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    102
Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr
1               5                   10

<210>    103
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    103
Gln Gln Leu Pro Gln Pro Gln Gln Pro Gln Gln Ser Phe Pro Gln Gln
1               5                   10                  15

Gln Arg Pro Phe
            20

<210>    104
<211>    17
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    104
Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Leu Gln Pro Gln
1               5                   10                  15

Ser


<210>    105
<211>    17
<212>    PRT
<213>    Artificial Sequence
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<220>
<223>   wheat gliadin peptide

<400>   105
Gln Pro Gln Pro Phe Pro Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln
1   5   10   15

Pro

<210>   106
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   106
Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln
1   5   10   15

Ser

<210>   107
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   107
Ala Val Arg Phe Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Gln Leu Pro Gln
            20

<210>   108
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   108
Met Val Arg Val Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
            20

<210>   109
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   109
Met Val Arg Val Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Gln His Pro Gln
            20

<210>   110
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   110
Met Val Arg Val Pro Met Pro Gln Leu Gln Pro Gln Asp Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
            20

<210>   111
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   111
Met Val Arg Val Thr Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
            20

<210>   112
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   112
Ala Val Arg Val Ser Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
            20

<210>   113
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>

<223> wheat gliadin peptide

<400> 113
Ala Val Arg Val Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
          20

<210> 114
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 114
Ala Val Arg Trp Pro Val Pro Gln Leu Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
          20

<210> 115
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 115
Ala Val Arg Val Pro Val Pro Gln Leu Gln Leu Gln Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
          20

<210> 116
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 116
Met Val Arg Val Pro Val Pro Gln Leu Gln Leu Gln Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
          20

<210> 117
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 117
Ala Val Arg Val Pro Val Pro Gln Pro Gln Pro Gln Asn Pro Ser Gln
1   5   10   15

Pro Gln Pro Gln
          20

<210> 118
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 118
Ala Val Arg Val Pro Val Pro Gln Leu Gln Pro Lys Asn Pro Ser Gln
1   5   10   15

Gln Gln Pro Gln
          20

<210> 119
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 119
Leu Gln Pro Gln Asn Pro Ser Gln Gln Leu Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Val Gln Gln
          20

<210> 120
<211> 20

<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 120
Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Val Gln Gln
          20

<210> 121
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 121
Leu Gln Pro Gln Asn Pro Ser Gln Gln His Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Val Gln Gln
            20

<210> 122
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 122
Leu Gln Pro Gln Asp Pro Ser Gln Gln Gln Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Val Gln Gln
            20

<210> 123
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 123
Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Lys Gln Val Pro
1   5   10   15

Leu Val Gln Gln
            20

<210> 124
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 124
Leu Gln Leu Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Val Gln Glu
            20

<210> 125
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 125
Leu Gln Leu Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Val Gln Glu
            20

<210>   126
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   126
Pro Gln Pro Gln Asn Pro Ser Gln Pro Gln Pro Gln Gly Gln Val Pro
1   5   10   15

Leu Val Gln Gln
            20

<210>   127
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   127
Pro Gln Pro Gln Asn Pro Ser Gln Pro Gln Pro Gln Arg Gln Val Pro
1   5   10   15

Leu Val Gln Gln
            20

<210>   128
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   128
Leu Gln Pro Lys Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Val Gln Gln
            20

<210>   129
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   129

Leu Gln Pro Gln Asn Pro Ser Gln Gln Gln Pro Gln Glu Gln Val Pro
1   5   10   15

Leu Met Gln Gln
            20

<210>   130
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   130
Gln Leu Pro Gln Glu Gln Val Pro Leu Val Gln Gln Gln Gln Phe Leu
1   5   10   15

Gly Gln Gln Gln
            20

<210>   131
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   131
Gln His Pro Gln Glu Gln Val Pro Leu Val Gln Gln Gln Gln Phe Leu
1   5   10   15

Gly Gln Gln Gln
            20

<210>   132
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   132
Gln Gln Pro Gln Glu Gln Val Pro Leu Val Gln Gln Gln Gln Phe Leu
1   5   10   15

Gly Gln Gln Gln
            20

<210>   133
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   133
Gln Gln Pro Gln Glu Gln Val Pro Leu Val Gln Gln Gln Gln Phe Leu

Gly Gln Gln Gln
            20

<210>   134
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   134
Gln Gln Pro Gln Glu Gln Val Pro Leu Val Gln Gln Gln Gln Phe Pro
1   5   10   15

Gly Gln Gln Gln
            20

<210>   135
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   135
Gln Gln Pro Gln Lys Gln Val Pro Leu Val Gln Gln Gln Gln Phe Pro
1   5   10   15

Gly Gln Gln Gln
            20

<210>   136
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   136
Gln Gln Pro Gln Glu Gln Val Pro Leu Val Gln Glu Gln Gln Phe Gln
1   5   10   15

Gly Gln Gln Gln
            20

<210>   137
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   137
Pro Gln Pro Gln Gly Gln Val Pro Leu Val Gln Gln Gln Gln Phe Pro
1   5   10   15

Gly Gln Gln Gln
            20

<210>   138
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   138
Pro Gln Pro Gln Arg Gln Val Pro Leu Val Gln Gln Gln Gln Phe Pro
1   5   10   15

Gly Gln Gln Gln .
            20

<210>   139
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   139
Gln Gln Pro Gln Glu Gln Val Pro Leu Met Gln Gln Gln Gln Gln Phe
1   5   10   15

Pro Gly Gln Gln
            20

<210>   140
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   140
Leu Val Gln Gln Gln Gln Phe Leu Gly Gln Gln Gln Pro Phe Pro Pro
1   5   10   15

Gln Gln Pro Tyr
            20

<210>   141
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   141
Leu Val Gln Gln Gln Gln Phe Leu Gly Gln Gln Gln Ser Phe Pro Pro
1   5   10   15

Gln Gln Pro Tyr
            20

<210>   142
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   142
Leu Val Gln Gln Gln Gln Phe Leu Gly Gln Gln Gln Pro Phe Pro Pro
1   5   10   15

Gln Gln Pro Tyr
            20

<210>   143
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   143
Leu Val Gln Gln Gln Gln Phe Pro Gly Gln Gln Gln Pro Phe Pro Pro
1   5   10   15

Gln Gln Pro Tyr
            20

<210>   144
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   144
Leu Val Gln Glu Gln Gln Phe Gln Gly Gln Gln Gln Pro Phe Pro Pro
1   5   10   15

Gln Gln Pro Tyr
            20

<210>   145
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   145
Leu Val Gln Gln Gln Gln Phe Pro Gly Gln Gln Gln Gln Phe Pro Pro
1   5   10   15

Gln Gln Pro Tyr

20

<210> 146
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 146
Leu Met Gln Gln Gln Gln Gln Phe Pro Gly Gln Gln Glu Gln Phe Pro
1   5   10   15

Pro Gln Gln Pro
        20

<210> 147
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 147
Leu Met Gln Gln Gln Gln Gln Phe Pro Gly Gln Gln Glu Arg Phe Pro
1   5   10   15

Pro Gln Gln Pro
        20

<210> 148
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 148
Gly Gln Gln Gln Pro Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln
1   5   10   15

Pro Phe Pro Ser
        20

<210> 149
<211> 20
<212> PRT·
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 149
Gly Gln Gln Gln Pro Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln
1   5   10   15

Phe Pro Ser Gln
        20

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<210>    150
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    150
Gly Gln Gln Gln Ser Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln
1                5                   10                  15

Pro Phe Pro Ser
            20


<210>    151
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    151
Gly Gln Gln Gln Pro Phe Pro Pro Gln Gln Pro Tyr Pro Gln Gln Gln
1                5                   10                  15

Pro Phe Pro Ser
            20


<210>    152
<211>    20

<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    152
Gly Gln Gln Gln Gln Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln
1                5                   10                  15

Pro Phe Pro Ser
            20


<210>    153
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    153
Gly Gln Gln Glu Gln Phe Pro Pro Gln Gln Pro Tyr Pro His Gln Gln
1                5                   10                  15

Pro Phe Pro Ser
            20
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<210>    154
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    154
Gly Gln Gln Glu Arg Phe Pro Pro Gln Gln Pro Tyr Pro His Gln Gln
1                5                   10                  15

Pro Phe Pro Ser
            20


<210>    155
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    155
Gln Gln Pro Tyr Pro Gln Pro Gln Pro Phe Pro Ser Gln Leu Pro Tyr
1                5                   10                  15

Leu Gln Leu Gln
            20


<210>    156
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    156
Gln Gln Pro Tyr Pro Gln Pro Gln Phe Pro Ser Gln Leu Pro Tyr Leu
1                5                   10                  15

Gln Leu Gln Pro
            20


<210>    157
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    157
Gln Gln Pro Tyr Pro Gln Pro Gln Pro Phe Pro Ser Gln Gln Pro Tyr
1                5                   10                  15

Leu Gln Leu Gln
            20
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<210> 158
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 158
Gln Gln Pro Tyr Pro Gln Gln Gln Pro Phe Pro Ser Gln Gln Pro Tyr
1   5   10   15

Met Gln Leu Gln
          20

<210> 159
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 159
Gln Gln Pro Tyr Pro His Gln Gln Pro Phe Pro Ser Gln Gln Pro Tyr
1   5   10   15

Pro Gln Pro Gln
          20

<210> 160
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 160
Pro Phe Pro Ser Gln Leu Pro Tyr Leu Gln Leu Gln Pro Phe Pro Gln
1   5   10   15

Pro Gln Leu Pro
          20

<210> 161
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 161
Pro Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Pro Gln
1   5   10   15

Pro Gln Leu Pro
          20

<210> 162

39

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<211>     20
<212>     PRT
<213>     Artificial Sequence

<220>
<223>     wheat gliadin peptide

<400>     162
Pro Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Ser Gln
1               5                   10                  15

Pro Gln Leu Pro
            20

<210>     163
<211>     20
<212>     PRT
<213>     Artificial Sequence

<220>
<223>     wheat gliadin peptide

<400>     163
Pro Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Leu Gln
1               5                   10                  15

Pro Gln Leu Pro
            20

<210>     164
<211>     20
<212>     PRT
<213>     Artificial Sequence

<220>
<223>     wheat gliadin peptide

<400>     164
Pro Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Leu Gln
1               5                   10                  15

Pro Gln Pro Phe
            20

<210>     165
<211>     20
<212>     PRT
<213>     Artificial Sequence

<220>
<223>     wheat gliadin peptide

<400>     165
Pro Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Pro Gln
1               5                   10                  15

Pro Gln Leu Pro
            20

<210>     166
<211>     20
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   166
Pro Phe Pro Ser Gln Gln Pro Tyr Met Gln Leu Gln Pro Phe Pro Gln
1   5   10   15

Pro Gln Leu Pro
            20

<210>   167
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   167
Pro Phe Pro Ser Gln Gln Pro Tyr Met Gln Leu Gln Pro Phe Pro Gln
1   5   10   15

Pro Gln Pro Phe
            20

<210>   168
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   168
Pro Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Pro Gln
1   5   10   15

Pro Gln Pro Phe
            20

<210>   169
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   169
Pro Phe Pro Ser Gln Gln Pro Tyr Leu Gln Leu Gln Pro Phe Pro Arg
1   5   10   15

Pro Gln Leu Pro
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<210>   170
<211>   20
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<213>   Artificial Sequence

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<223>   wheat gliadin peptide

<400>   170
Pro Phe Pro Ser Gln Gln Pro Tyr Pro Gln Pro Gln Pro Phe Pro Pro
1   5   10   15

Gln Leu Pro Tyr
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<210>   171
<211>   20
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<223>   wheat gliadin peptide

<400>   171
Pro Phe Pro Ser Gln Gln Pro Tyr Pro Gln Pro Gln Pro Phe Pro Gln
1   5   10   15

Pro Gln Pro Phe
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<210>   172
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<213>   Artificial Sequence

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<223>   wheat gliadin peptide

<400>   172
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1   5   10   15

Gln Pro Phe Arg
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<210>   173
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<223>   wheat gliadin peptide

<400>   173
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1   5   10   15

Gln Gln Phe Arg
          20

<210>   174
<211>   20
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<223>   wheat gliadin peptide

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1   5   10   15

Gln Pro Phe Arg
            20

<210>   175
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<223>   wheat gliadin peptide

<400>   175
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1   5   10   15

Gln Pro Phe Arg
            20

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<223>   wheat gliadin peptide

<400>   176
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1   5   10   15

Gln Pro Phe Arg
            20

<210>   177
<211>   20
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<220>
<223>   wheat gliadin peptide

<400>   177
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1   5   10   15

Gln Pro Phe Arg
            20

<210>   178
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   178
Leu Gln Leu Gln Pro Phe Leu Gln Pro Gln Pro Phe Pro Pro Gln Leu
1   5   10   15

Pro Tyr Ser Gln
            20

<210>   179
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   179
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1   5   10   15

Gln Leu Pro Tyr
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<210>   180
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   180
Met Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro
1   5   10   15

Gln Leu Pro Tyr
            20

<210>   181
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   181
Met Gln Leu Gln Pro Phe Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu
1   5   10   15

Pro Tyr Pro Gln
            20

<210>   182
<211>   20
<212>   PRT
<213>   Artificial Sequence

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<223>   wheat gliadin peptide

<400>   182
Leu Gln Leu Gln Pro Phe Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro
1   5   10   15

Gln Pro Phe Arg
            20

<210>   183
<211>   20
<212>   PRT
<213>   Artificial Sequence

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<223>   wheat gliadin peptide

<400>   183
Leu Gln Leu Gln Pro Phe Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu
1   5   10   15

Pro Tyr Pro Gln
            20

<210>   184
<211>   20

<212>   PRT
<213>   Artificial Sequence

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<223>   wheat gliadin peptide

<400>   184
Leu Gln Leu Gln Pro Phe Pro Arg Pro Gln Leu Pro Tyr Pro Gln Pro
1   5   10   15

Gln Pro Phe Arg
            20

<210>   185
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<212>   PRT
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<223>   wheat gliadin peptide

<400>   185
Leu Gln Leu Gln Pro Phe Pro Gln Pro Gln Pro Phe Leu Pro Gln Leu
1   5   10   15

Pro Tyr Pro Gln
            20

<210>   186
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<220>

<223>   wheat gliadin peptide

<400>   186
Leu Gln Leu Gln Pro Phe Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu
1   5   10   15

Pro Tyr Pro Gln
        20

<210>   187
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   187
Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln
1   5   10   15

Pro Phe Pro Pro
        20

<210>   188
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   188
Pro Gln Pro Gln Pro Phe Pro Gln Pro Gln Pro Phe Pro Pro Gln Leu
1   5   10   15

Pro Tyr Pro Gln
        20

<210>   189
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   189
Pro Gln Leu Pro Tyr Ser Gln Pro Gln Pro Phe Arg Pro Gln Gln Pro
1   5   10   15

Tyr Pro Gln Pro
        20

<210>   190
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400> 190
Pro Gln Leu Pro Tyr Ser Gln Pro Gln Gln Phe Arg Pro Gln Gln Pro
1   5   10   15

Tyr Pro Gln Pro
            20

<210> 191
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<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 191
Pro Gln Leu Pro Tyr Leu Gln Pro Gln Pro Phe Arg Pro Gln Gln Pro
1   5   10   15

Tyr Pro Gln Pro
            20

<210> 192
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<220>
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<400> 192
Pro Gln Leu Ser Tyr Ser Gln Pro Gln Pro Phe Arg Pro Gln Gln Pro
1   5   10   15

Tyr Pro Gln Pro
            20

<210> 193
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<220>
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<400> 193
Pro Gln Leu Ser Tyr Ser Gln Pro Gln Pro Phe Arg Pro Gln Gln Leu
1   5   10   15

Tyr Pro Gln Pro
            20

<210> 194
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<212> PRT
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<220>
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<400> 194
Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Ser Gln Pro Gln Pro Phe
1   5   10   15

Arg Pro Gln Gln
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<210>   195
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<223>   wheat gliadin peptide

<400>   195
Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Leu Pro Tyr Pro
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<210>   196
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<220>
<223>   wheat gliadin peptide

<400>   196
Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro Tyr Pro Gln Pro Gln
1   5   10   15

Pro Phe Arg Pro
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<210>   197
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<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   197
Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Pro Gln Leu Pro
1   5   10   15

Tyr Pro Gln Pro
            20

<210>   198
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   198

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Pro Gln Leu Pro Tyr Pro Gln Pro Gln Pro Phe Arg Pro Gln Gln Pro
1               5               10                  15

Tyr Pro Gln Pro
            20


<210>   199
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   199
Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Pro Gln Pro Phe
1               5               10                  15

Arg Pro Gln Gln
            20


<210>   200
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   200
Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Pro Pro Pro Phe
1               5               10                  15

Ser Pro Gln Gln
            20


<210>   201
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   201
Pro Gln Pro Phe Leu Pro Gln Leu Pro Tyr Pro Gln Pro Gln Ser Phe
1               5               10                  15

Pro Pro Gln Gln
            20


<210>   202
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   202
Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Pro Gln Ser Phe
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1                 5                     10                    15

Pro Pro Gln Gln
            20


<210>    203
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    203
Gln Leu Pro Tyr Pro Gln Thr Gln Pro Phe Pro Pro Gln Gln Pro Tyr
1                 5                     10                    15

Pro Gln Pro Gln
            20


<210>    204
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    204
Pro Gln Pro Phe Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln Pro Phe
1                 5                     10                    15

Pro Pro Gln Gln
            20


<210>    205
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    205
Leu Pro Tyr Pro Gln Pro Gln Pro Phe Arg Pro Gln Gln Pro Tyr Pro
1                 5                     10                    15

Gln Ser Gln Pro
            20


<210>    206
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    206
Leu Pro Tyr Pro Gln Pro Gln Pro Phe Arg Pro Gln Gln Ser Tyr Pro
1                 5                     10                    15
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Gln Pro Gln Pro
            20

<210>   207
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   207
Leu Pro Tyr Pro Gln Pro Pro Pro Phe Ser Pro Gln Gln Pro Tyr Pro
1   5   10   15

Gln Pro Gln Pro
            20

<210>   208
<211>   20
<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   208
Leu Pro Gln Leu Pro Tyr Pro Gln Pro Gln Ser Phe Pro Pro Gln Gln
1   5   10   15

Pro Tyr Pro Gln
            20

<210>   209
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   209
Pro Pro Gln Leu Pro Tyr Pro Gln Thr Gln Pro Phe Pro Pro Gln Gln
1   5   10   15

Pro Tyr Pro Gln
            20

<210>   210
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   210
Gln Pro Phe Arg Pro Gln Gln Pro Tyr Pro Gln Pro Gln Pro Gln Tyr
1   5   10   15

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Ser Gln Pro Gln
        20


<210>   211
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   211
Gln Pro Phe Arg Pro Gln Gln Leu Tyr Pro Gln Pro Gln Pro Gln Tyr
1               5                   10                  15

Ser Gln Pro Gln
        20


<210>   212
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   212
Gln Pro Phe Arg Pro Gln Gln Pro Tyr Pro Gln Ser Gln Pro Gln Tyr
1               5                   10                  15

Ser Gln Pro Gln
        20


<210>   213
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   213
Gln Pro Phe Arg Pro Gln Gln Ser Tyr Pro Gln Pro Gln Pro Gln Tyr
1               5                   10                  15

Ser Gln Pro Gln
        20


<210>   214
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   214
Pro Pro Phe Ser Pro Gln Gln Pro Tyr Pro Gln Pro Gln Pro Gln Tyr
1               5                   10                  15

Pro Gln Pro Gln
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20

<210>   215
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   215
Gln Ser Phe Pro Pro Gln Gln Pro Tyr Pro Gln Gln Arg Pro Lys Tyr
1   5   10   15

Leu Gln Pro Gln
           20

<210>   216
<211>   20

<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   216
Gln Ser Phe Pro Pro Gln Gln Pro Tyr Pro Gln Gln Arg Pro Met Tyr
1   5   10   15

Leu Gln Pro Gln
           20

<210>   217
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   217
Gln Ser Phe Pro Pro Gln Gln Pro Tyr Pro Gln Gln Gln Pro Gln Tyr
1   5   10   15

Leu Gln Pro Gln
           20

<210>   218
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   218
Gln Pro Phe Pro Pro Gln Gln Pro Tyr Pro Gln Pro Gln Pro Gln Tyr
1   5   10   15

Pro Gln Pro Gln

53

<210> 219
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 219
Tyr Pro Gln Pro Gln Pro Gln Tyr Ser Gln Pro Gln Gln Pro Ile Ser
1   5   10   15

Gln Gln Gln Gln
        20

<210> 220
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 220
Tyr Pro Gln Pro Gln Pro Gln Tyr Ser Gln Pro Gln Glu Pro Ile Ser
1   5   10   15 .

Gln Gln Gln Gln
        20

<210> 221
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 221
Tyr Pro Gln Ser Gln Pro Gln Tyr Ser Gln Pro Gln Gln Pro Ile Ser
1   5   10   15

Gln Gln Gln Gln
        20

<210> 222
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 222
Tyr Pro Gln Pro Gln Pro Gln Tyr Pro Gln Pro Gln Gln Pro Ile Ser
1   5   10   15

Gln Gln Gln Ala
        20

<210> 223
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<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 223
Tyr Pro Gln Gln Arg Pro Lys Tyr Leu Gln Pro Gln Gln Pro Ile Ser
1   5   10   15

Gln Gln Gln Ala
            20

<210> 224
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 224
Tyr Pro Gln Gln Arg Pro Met Tyr Leu Gln Pro Gln Gln Pro Ile Ser
1   5   10   15

Gln Gln Gln Ala
            20

<210> 225
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 225
Tyr Pro Gln Gln Gln Pro Gln Tyr Leu Gln Pro Gln Gln Pro Ile Ser
1   5   10   15

Gln Gln Gln Ala
            20

<210> 226
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 226
Ser Gln Pro Gln Gln Pro Ile Ser Gln Gln Gln Gln Gln Gln Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

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<210>    227
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    227
Ser Gln Pro Gln Glu Pro Ile Ser Gln Gln Gln Gln Gln Gln Gln
1                   5                   10                  15

Gln Gln Gln Ile
            20


<210>    228
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    228
Pro Gln Pro Gln Gln Pro Ile Ser Gln Gln Ala Gln Gln Gln Gln
1                   5                   10                  15

Gln Gln Gln Gln
            20


<210>    229
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    229
Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1                   5                   10                  15

Ile Leu Gln Gln
            20


<210>    230
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    230
Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Glu Gln Gln
1                   5                   10                  15

Ile Leu Gln Gln
            20


<210>    231
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56

<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 231
Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1   5   10   15

Ile Ile Gln Gln
            20

<210> 232
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 232
Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Lys Gln Gln Gln Gln Gln
1   5   10   15

Gln Gln Gln Ile
            20

<210> 233
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 233
Ala Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1   5   10   15

Thr Leu Gln Gln
            20

<210> 234
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 234
Gln Gln Gln Gln Gln Gln Gln Gln Ile Leu Gln Gln Ile Leu Gln Gln
1   5   10   15

Gln Leu Ile Pro
            20

<210> 235
<211> 20

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<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    235
Gln Gln Gln Gln Gln Glu Gln Gln Ile Leu Gln Gln Ile Leu Gln Gln
1                   5                   10                  15

Gln Leu Ile Pro
            20

<210>    236
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    236
Gln Gln Gln Gln Gln Glu Gln Gln Ile Leu Gln Gln Met Leu Gln Gln
1                   5                   10                  15

Gln Leu Ile Pro
            20

<210>    237
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    237
Gln Gln Gln Gln Gln Glu Gln Gln Ile Leu Gln Gln Ile Leu Gln Gln
1                   5                   10                  15

Gln Leu Thr Pro
            20

<210>    238
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    238
Gln Gln Gln Gln Gln Gln Gln Gln Ile Ile Gln Gln Ile Leu Gln Gln
1                   5                   10                  15

Gln Leu Ile Pro
            20

<210>    239
<211>    20
<212>    PRT
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<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 239
Gln Gln Lys Gln Gln Gln Gln Gln Gln Gln Gln Ile Leu Gln Gln Ile
1   5   10   15

Leu Gln Gln Gln
        20

<210> 240
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 240
Gln Gln Gln Gln Gln Gln Gln Gln Ile Leu Pro Gln Ile Leu Gln Gln
1   5   10   15

Gln Leu Ile Pro
        20

<210> 241
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 241
Gln Gln Gln Gln Gln Gln Gln Gln Thr Leu Gln Gln Ile Leu Gln Gln
1   5   10   15

Gln Leu Ile Pro
        20

<210> 242
<211> 20
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 242
Ile Leu Gln Gln Ile Leu Gln Gln Gln Leu Ile Pro Cys Met Asp Val
1   5   10   15

Val Leu Gln Gln
        20

<210> 243
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   243
Ile Leu Gln Gln Met Leu Gln Gln Gln Leu Ile Pro Cys Met Asp Val
1   5   10   15

Val Leu Gln Gln
            20

<210>   244
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   244
Ile Leu Gln Gln Ile Leu Gln Gln Gln Leu Thr Pro Cys Met Asp Val
1   5   10   15

Val Leu Gln Gln
            20

<210>   245
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   245
Ile Leu Gln Gln Ile Leu Gln Gln Gln Leu Ile Pro Cys Arg Asp Val
1   5   10   15

Val Leu Gln Gln
            20

<210>   246
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   246
Ile Leu Pro Gln Ile Leu Gln Gln Gln Leu Ile Pro Cys Arg Asp Val
1   5   10   15

Val Leu Gln Gln
            20

<210>   247
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   247
Thr Leu Gln Gln Ile Leu Gln Gln Gln Leu Ile Pro Cys Arg Asp Val
1   5   10   15

Val Leu Gln Gln
            20

<210>   248
<211>   20

<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   248
Gln Leu Ile Pro Cys Met Asp Val Val Leu Gln Gln His Asn Ile Ala
1   5   10   15

His Gly Arg Ser
            20

<210>   249
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   249
Gln Leu Ile Pro Cys Met Asp Val Val Leu Gln Gln His Asn Lys Ala
1   5   10   15

His Gly Arg Ser
            20

<210>   250
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   250
Gln Leu Ile Pro Cys Met Asp Val Val Leu Gln Gln His Asn Leu Ala
1   5   10   15

His Gly Arg Ser
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<210>   251
<211>   20
<212>   PRT
<213>   Artificial Sequence

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<220>
<223>    wheat gliadin peptide

<400>    251
Gln Leu Ile Pro Cys Met Asp Val Val Leu Gln Gln His Asn Ile Val
1               5                   10                  15

His Gly Arg Ser
            20

<210>    252
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    252
Gln Leu Thr Pro Cys Met Asp Val Val Leu Gln Gln His Asn Ile Ala
1               5                   10                  15

Arg Gly Arg Ser
            20

<210>    253
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    253
Gln Leu Ile Pro Cys Met Asp Val Val Leu Gln Gln His Asn Ile Val
1               5                   10                  15

His Gly Lys Ser
            20

<210>    254
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    254
Gln Leu Ile Pro Cys Arg Asp Val Val Leu Gln Gln His Ser Ile Ala
1               5                   10                  15

Tyr Gly Ser Ser
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<210>    255
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
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<223>   wheat gliadin peptide

<400>   255
Gln Leu Ile Pro Cys Arg Asp Val Val Leu Gln Gln His Ser Ile Ala
1   5   10   15

His Gly Ser Ser
            20

<210>   256
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   256
Gln Leu Ile Pro Cys Arg Asp Val Val Leu Gln Gln His Asn Ile Ala
1   5   10   15

His Gly Ser Ser
            20

<210>   257
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   257
Gln Leu Ile Pro Cys Arg Asp Val Val Leu Gln Gln His Asn Ile Ala
1   5   10   15

His Ala Arg Ser
            20

<210>   258
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   258
Gln Leu Ile Pro Cys Arg Asp Val Val Leu Gln Gln His Asn Ile Ala
1   5   10   15

His Ala Ser Ser
            20

<210>   259
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

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<400>    259
Val Leu Gln Gln His Asn Ile Ala His Gly Arg Ser Gln Val Leu Gln
1                   5                   10                  15

Gln Ser Thr Tyr
            20


<210>    260
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    260
Val Leu Gln Gln His Asn Lys Ala His Gly Arg Ser Gln Val Leu Gln
1                   5                   10                  15

Gln Ser Thr Tyr
            20


<210>    261
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    261
Val Leu Gln Gln His Asn Leu Ala His Gly Arg Ser Gln Val Leu Gln
1                   5                   10                  15

Gln Ser Thr Tyr
            20


<210>    262
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    262
Val Leu Gln Gln His Asn Ile Val His Gly Arg Ser Gln Val Leu Gln
1                   5                   10                  15

Gln Ser Thr Tyr
            20


<210>    263
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide
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<400>   263
Val Leu Gln Gln His Asn Ile Ala Arg Gly Arg Ser Gln Val Leu Gln
1   5   10   15

Gln Ser Thr Tyr
            20

<210>   264
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   264
Val Leu Gln Gln His Asn Ile Val His Gly Lys Ser Gln Val Leu Gln
1   5   10   15

Gln Ser Thr Tyr
            20

<210>   265
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   265
Val Leu Gln Gln His Ser Ile Ala Tyr Gly Ser Ser Gln Val Leu Gln
1   5   10   15

Gln Ser Thr Tyr
            20

<210>   266
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   266
Val Leu Gln Gln His Ser Ile Ala His Gly Ser Ser Gln Val Leu Gln
1   5   10   15

Gln Ser Thr Tyr
            20

<210>   267
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   267

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Val Leu Gln Gln His Asn Ile Ala His Gly Ser Ser Gln Val Leu Gln
1               5                   10                  15

Glu Ser Thr Tyr
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<210>   268
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   268
Val Leu Gln Gln His Asn Ile Ala His Ala Arg Ser Gln Val Leu Gln
1               5                   10                  15

Gln Ser Thr Tyr
            20


<210>   269
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   269
Val Leu Gln Gln His Asn Ile Ala His Ala Ser Ser Gln Val Leu Gln
1               5                   10                  15

Gln Ser Thr Tyr
            20


<210>   270
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   270
Val Leu Gln Gln His Asn Ile Ala His Ala Ser Ser Gln Val Leu Gln
1               5                   10                  15

Gln Ser Ser Tyr
            20


<210>   271
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   271
His Gly Arg Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Leu Leu Gln
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1                5                     10                    15

Glu Leu Cys Cys
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<210>   272
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   272
His Gly Arg Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Leu Leu Arg
1                5                     10                    15

Glu Leu Cys Cys
            20


<210>   273
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   273
His Gly Arg Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Leu Leu Arg
1                5                     10                    15

Glu Leu Cys Cys
            20


<210>   274
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   274
His Gly Lys Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Leu Leu Gln
1                5                     10                    15

Glu Leu Cys Cys
            20


<210>   275
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   275
Tyr Gly Ser Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Leu Val Gln
1                5                     10                    15
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Gln Leu Cys Cys
            20


<210>   276
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   276
His Gly Ser Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Leu Val Gln
1               5                   10                  15

Gln Phe Cys Cys
            20


<210>   277
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   277
His Gly Ser Ser Gln Val Leu Gln Glu Ser Thr Tyr Gln Leu Val Gln
1               5                   10                  15

Gln Leu Cys Cys
            20


<210>   278
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   278
His Ala Arg Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Pro Leu Gln
1               5                   10                  15

Gln Leu Cys Cys
            20


<210>   279
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   279
His Ala Ser Ser Gln Val Leu Gln Gln Ser Thr Tyr Gln Leu Leu Gln
1               5                   10                  15
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Gln Leu Cys Cys
            20


<210>   280
<211>   20

<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   280
His Ala Ser Ser Gln Val Leu Gln Gln Ser Ser Tyr Gln Gln Leu Gln
1               5                   10                  15

Gln Leu Cys Cys
            20


<210>   281
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   281
Gln Ser Thr Tyr Gln Leu Leu Gln Glu Leu Cys Cys Gln His Leu Trp
1               5                   10                  15

Gln Ile Pro Glu
            20


<210>   282
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   282
Gln Ser Thr Tyr Gln Leu Leu Arg Glu Leu Cys Cys Gln His Leu Trp
1               5                   10                  15

Gln Ile Pro Glu
            20


<210>   283
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   283
Gln Ser Thr Tyr Gln Leu Leu Arg Glu Leu Cys Cys Gln His Leu Trp
1               5                   10                  15
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Gln Ile Pro Glu
          20


<210>    284
<211>    20
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<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    284
Gln Ser Thr Tyr Gln Leu Val Gln Gln Leu Cys Cys Gln Gln Leu Trp
1                 5                 10                15

Gln Ile Pro Glu
          20


<210>    285
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    285
Gln Ser Thr Tyr Gln Leu Val Gln Gln Phe Cys Cys Gln Gln Leu Trp
1                 5                 10                15

Gln Ile Pro Glu
          20


<210>    286
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    286
Gln Ser Thr Tyr Gln Pro Leu Gln Gln Leu Cys Cys Gln Gln Leu Trp
1                 5                 10                15

Gln Ile Pro Glu
          20


<210>    287
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    287
Gln Ser Thr Tyr Gln Leu Leu Gln Gln Leu Cys Cys Gln Gln Leu Leu
1                 5                 10                15

Gln Ile Pro Glu
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<210> 288
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 288
Gln Ser Ser Tyr Gln Gln Leu Gln Gln Leu Cys Cys Gln Gln Leu Phe
1   5   10   15

Gln Ile Pro Glu
            20

<210> 289
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<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 289
Glu Leu Cys Cys Gln His Leu Trp Gln Ile Pro Glu Gln Ser Gln Cys
1   5   10   15

Gln Ala Ile His
            20

<210> 290
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 290
Glu Leu Cys Cys Gln His Leu Trp Gln Ile Leu Glu Gln Ser Gln Cys
1   5   10   15

Gln Ala Ile His
            20

<210> 291
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 291
Glu Leu Cys Cys Gln His Leu Trp Gln Ile Pro Glu Lys Leu Gln Cys
1   5   10   15

Gln Ala Ile His
            20

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<210>    292
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    292
Gln Leu Cys Cys Gln Gln Leu Trp Gln Ile Pro Glu Gln Ser Arg Cys
1               5                   10                  15

Gln Ala Ile His
            20


<210>    293
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    293
Gln Phe Cys Cys Gln Gln Leu Trp Gln Ile Pro Glu Gln Ser Arg Cys
1               5                   10                  15

Gln Ala Ile His
            20


<210>    294
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    294
Gln Leu Cys Cys Gln Gln Leu Leu Gln Ile Pro Glu Gln Ser Arg Cys
1               5                   10                  15

Gln Ala Ile His
            20


<210>    295
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    295
Gly Leu Cys Cys Gln Gln Leu Leu Gln Ile Pro Glu Gln Ser Gln Cys
1               5                   10                  15

Gln Ala Ile His
            20
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<210>    296
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    296
Gln Leu Cys Cys Gln Gln Leu Phe Gln Ile Pro Glu Gln Ser Arg Cys
1                   5                   10                  15

Gln Ala Ile His
            20


<210>    297
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    297
Gln Ile Pro Glu Gln Ser Gln Cys Gln Ala Ile His Asn Val Val His
1                   5                   10                  15

Ala Ile Ile Leu
            20


<210>    298
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    298
Gln Ile Pro Glu Gln Ser Gln Cys Gln Ala Ile Gln Asn Val Val His
1                   5                   10                  15

Ala Ile Ile Leu
            20


<210>    299
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    299
Gln Ile Leu Glu Gln Ser Gln Cys Gln Ala Ile His Asn Val Val His
1                   5                   10                  15

Ala Ile Ile Leu
            20


<210>    300
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<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   300
Gln Ile Pro Glu Gln Ser Gln Cys Gln Ala Ile His Lys Val Val His
1   5   10   15

Ala Ile Ile Leu
            20

<210>   301
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   301
Gln Ile Pro Glu Lys Leu Gln Cys Gln Ala Ile His Asn Val Val His
1   5   10   15

Ala Ile Ile Leu
            20

<210>   302
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   302
Gln Ile Pro Glu Gln Ser Arg Cys Gln Ala Ile His Asn Val Val His
1   5   10   15

Ala Ile Ile Leu
            20

<210>   303
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   303
Gln Ile Pro Glu Gln Ser Gln Cys Gln Ala Ile His Asn Val Ala His
1   5   10   15

Ala Ile Ile Met
            20

<210>   304
<211>   20

<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 304
Gln Ile Pro Glu Gln Ser Arg Cys Gln Ala Ile His Asn Val Val His
1   5   10   15

Ala Ile Ile Leu
            20

<210> 305
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 305
Gln Ala Ile His Asn Val Val His Ala Ile Ile Leu His Gln Gln Gln
1   5   10   15

Lys Gln Gln Gln
            20

<210> 306
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 306
Gln Ala Ile His Asn Val Val His Ala Ile Ile Leu His Gln Gln Gln
1   5   10   15

Gln Lys Gln Gln
            20

<210> 307
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 307
Gln Ala Ile Gln Asn Val Val His Ala Ile Ile Leu His Gln Gln Gln
1   5   10   15

Lys Gln Gln Gln
            20

<210> 308
<211> 20
<212> PRT

<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 308
Gln Ala Ile His Lys Val Val His Ala Ile Ile Leu His Gln Gln Gln
1   5   10   15

Lys Gln Gln Gln
            20

<210> 309
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 309
Gln Ala Ile His Asn Val Val His Ala Ile Ile Leu His Gln Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210> 310
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 310
Gln Ala Ile His Asn Val Val His Ala Ile Ile Leu His Gln Gln His
1   5   10   15

His His His Gln
            20

<210> 311
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 311
Gln Ala Ile His Asn Val Val His Ala Ile Ile Leu His Gln Gln Gln
1   5   10   15

Arg Gln Gln Gln
            20

<210> 312
<211> 20

<212> PRT

<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   312
Gln Ala Ile His Asn Val Val His Ala Ile Ile Met His Gln Gln Glu
1   5   10   15

Gln Gln Gln Gln
            20

<210>   313
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   313
Gln Ala Ile His Asn Val Ala His Ala Ile Ile Met His Gln Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210>   314
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   314
Gln Ala Ile His Asn Val Val His Ala Ile Ile Leu His His His Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210>   315
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   315
Ala Ile Ile Leu His Gln Gln Gln Lys Gln Gln Gln Gln Pro Ser Ser
1   5   10   15

Gln Val Ser Phe
            20

<210>   316
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   316
Ala Ile Ile Leu His Gln Gln Gln Gln Lys Gln Gln Gln Gln Pro Ser
1   5   10   15

Ser Gln Phe Ser
            20

<210>   317
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   317
Ala Ile Ile Leu His Gln Gln Gln Lys Gln Gln Gln Gln Leu Ser Ser
1   5   10   15

Gln Val Ser Phe
            20

<210>   318
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   318
Ala Ile Ile Leu His Gln Gln Gln Lys Gln Gln Gln Pro Ser Ser Gln
1   5   10   15

Val Ser Phe Gln
            20

<210>   319
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   319
Ala Ile Ile Leu His Gln Gln Gln Gln Gln Gln Gln Glu Gln Lys Gln
1   5   10   15

Gln Leu Gln Gln
            20

<210>   320
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   320
Ala Ile Ile Leu His Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
1   5   10   15

Gln Pro Leu Ser
            20

<210>   321
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   321
Ala Ile Ile Leu His Gln Gln His His His His Gln Gln Gln Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210>   322
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   322
Ala Ile Ile Leu His Gln Gln His His His His Gln Glu Gln Lys Gln
1   5   10   15

Gln Leu Gln Gln
            20

<210>   323
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   323
Ala Ile Ile Leu His Gln Gln Gln Arg Gln Gln Gln Pro Ser Ser Gln
1   5   10   15

Val Ser Leu Gln
            20

<210>   324
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<220>

<223>   wheat gliadin peptide

<400>   324
Ala Ile Ile Met His Gln Gln Glu Gln Gln Gln Gln Leu Gln Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210>   325
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   325
Ala Ile Ile Met His Gln Gln Gln Gln Gln Gln Gln Glu Gln Lys Gln
1   5   10   15

Gln Leu Gln Gln
            20

<210>   326
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   326
Ala Ile Ile Leu His His His Gln Gln Gln Gln Gln Pro Ser Ser
1   5   10   15

Gln Val Ser Tyr
            20

<210>   327
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   327
Lys Gln Gln Gln Gln Pro Ser Ser Gln Val Ser Phe Gln Gln Pro Leu
1   5   10   15

Gln Gln Tyr Pro
            20

<210>   328
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400> 328
Lys Gln Gln Gln Gln Pro Ser Ser Gln Phe Ser Phe Gln Gln Pro Leu
1   5   10   15

Gln Gln Tyr Pro
            20

<210> 329
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 329
Lys Gln Gln Gln Gln Leu Ser Ser Gln Val Ser Phe Gln Gln Pro Gln
1   5   10   15

Gln Gln Tyr Pro
            20

<210> 330
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 330
Lys Gln Gln Gln Pro Ser Ser Gln Val Ser Phe Gln Gln Pro Gln Gln
1   5   10   15

Gln Tyr Pro Leu
            20

<210> 331
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 331
Gln Gln Gln Gln Glu Gln Lys Gln Gln Leu Gln Gln Gln Gln Gln Gln
1   5   10   15

Gln Gln Gln Leu
            20

<210> 332
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 332
His His His Gln Glu Gln Lys Gln Gln Leu Gln Gln Gln Gln Gln Gln
1   5   10   15

Gln Gln Gln Leu
            20

<210> 333
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 333
Arg Gln Gln Gln Pro Ser Ser Gln Val Ser Leu Gln Gln Pro Gln Gln
1   5   10   15

Gln Tyr Pro Ser
            20

<210> 334
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 334
Gln Gln Gln Gln Leu Gln Gln Gln Gln Gln Gln Gln Leu Gln Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210> 335
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 335
Gln Gln Gln Gln Gln Pro Ser Ser Gln Val Ser Tyr Gln Gln Pro Gln
1   5   10   15

Glu Gln Tyr Pro
            20

<210> 336
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 336

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Gln Leu Gln Gln Gln Gln Gln Gln Gln Gln Gln Leu Gln Gln Gln Gln
1               5                   10                  15

Gln Lys Gln Gln
            20


<210>   337
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   337
Gln Gln Gln Leu Gln Gln Gln Gln Gln Lys Gln Gln Gln Gln Pro Ser
1               5                   10                  15

Ser Gln Val Ser
            20


<210>   338
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   338
Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Leu Ser Gln Val Ser Phe
1               5                   10                  15

Gln Gln Pro Gln
            20


<210>   339
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   339
Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Leu Ser Gln Val Cys Phe
1               5                   10                  15

Gln Gln Ser Gln
            20


<210>   340
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   340
His His His Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Leu Ser
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1               5                    10                   15

Gln Val Ser Phe
            20


<210>   341
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   341
Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Ser Ser Gln Val Ser Phe
1                   5                    10                   15

Gln Gln Pro Gln
            20


<210>   342
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   342
Gln Pro Leu Ser Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro
1                   5                    10                   15

Ser Gly Gln Gly
            20


<210>   343
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   343
Gln Pro Leu Ser Gln Val Cys Phe Gln Gln Ser Gln Gln Gln Tyr Pro
1                   5                    10                   15

Ser Gly Gln Gly
            20


<210>   344
<211>   20

<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   344
Gln Pro Ser Ser Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro
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Ser Ser Gln Val
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<210>    345
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    345
Gln Val Ser Phe Gln Gln Pro Leu Gln Gln Tyr Pro Leu Gly Gln Gly
1                  5                    10                    15

Ser Phe Arg Pro
            20


<210>    346
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    346
Gln Phe Ser Phe Gln Gln Pro Leu Gln Gln Tyr Pro Leu Gly Gln Gly
1                  5                    10                    15

Ser Phe Arg Pro
            20


<210>    347
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    347
Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro Leu Gly Gln Gly
1                  5                    10                    15

Ser Phe Arg Pro
            20


<210>    348
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    348
Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro Ser Gly Gln Gly
1                  5                    10                    15
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Ser Phe Gln Pro
            20

<210>   349
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   349
Gln Val Cys Phe Gln Gln Ser Gln Gln Gln Tyr Pro Ser Gly Gln Gly
1   5   10   15

Ser Phe Gln Pro
            20

<210>   350
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   350
Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro Ser Gly Gln Gly
1   5   10   15

Phe Phe Gln Pro
            20

<210>   351
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   351
Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro Ser Gly Gln Gly
1   5   10   15

Phe Phe Gln Pro
            20

<210>   352
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   352
Gln Val Ser Leu Gln Gln Pro Gln Gln Gln Tyr Pro Ser Gly Gln Gly
1   5   10   15

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Phe Phe Gln Pro
            20


<210>    353
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    353
Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro Ser Ser Gln Val
1                    5                  10                  15

Ser Phe Gln Pro
            20


<210>    354
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    354
Gln Val Ser Phe Gln Gln Pro Gln Gln Gln Tyr Pro Ser Ser Gln Gly
1                    5                  10                  15

Ser Phe Gln Pro
            20


<210>    355
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    355
Gln Val Ser Tyr Gln Gln Pro Gln Glu Gln Tyr Pro Ser Gly Gln Val
1                    5                  10                  15

Ser Phe Gln Ser
            20


<210>    356
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    356
Gln Gln Tyr Pro Leu Gly Gln Gly Ser Phe Arg Pro Ser Gln Gln Asn
1                    5                  10                  15

Pro Gln Ala Gln
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20

<210> 357
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 357
Gln Gln Tyr Pro Leu Gly Gln Gly Ser Phe Arg Pro Ser Gln Gln Asn
1   5   10   15

Ser Gln Ala Gln
          20

<210> 358
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 358
Gln Gln Tyr Pro Ser Gly Gln Gly Ser Phe Gln Pro Ser Gln Gln Asn
1   5   10   15

Pro Gln Ala Gln
          20

<210> 359
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 359
Gln Gln Tyr Pro Ser Gly Gln Gly Phe Phe Gln Pro Ser Gln Gln Asn
1   5   10   15

Pro Gln Ala Gln
          20

<210> 360
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 360
Gln Gln Tyr Pro Ser Gly Gln Gly Phe Phe Gln Pro Phe Gln Gln Asn
1   5   10   15

Pro Gln Ala Gln
          20

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<210>   361
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   361
Gln Gln Tyr Pro Ser Gly Gln Gly Phe Phe Gln Pro Ser Gln Gln Asn
1               5                   10                  15

Pro Gln Ala Gln
            20

<210>   362
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   362
Gln Gln Tyr Pro Ser Ser Gln Val Ser Phe Gln Pro Ser Gln Leu Asn
1               5                   10                  15

Pro Gln Ala Gln
            20

<210>   363
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   363
Gln Gln Tyr Pro Ser Ser Gln Gly Ser Phe Gln Pro Ser Gln Gln Asn
1               5                   10                  15

Pro Gln Ala Gln
            20

<210>   364
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   364
Glu Gln Tyr Pro Ser Gly Gln Val Ser Phe Gln Ser Ser Gln Gln Asn
1               5                   10                  15

Pro Gln Ala Gln
            20
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<210>    365
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    365
Ser Phe Arg Pro Ser Gln Gln Asn Pro Leu Ala Gln Gly Ser Val Gln
1                   5                   10                  15

Pro Gln Gln Leu
            20

<210>    366
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    366
Ser Phe Arg Pro Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Val Gln
1                   5                   10                  15

Pro Gln Gln Leu
            20

<210>    367
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    367
Ser Phe Arg Pro Ser Gln Gln Asn Pro Gln Thr Gln Gly Ser Val Gln
1                   5                   10                  15

Pro Gln Gln Leu
            20

<210>    368
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    368
Ser Phe Arg Pro Ser Gln Gln Asn Ser Gln Ala Gln Gly Ser Val Gln
1                   5                   10                  15

Pro Gln Gln Leu
            20

<210>    369
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<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    369
Ser Phe Arg Pro Ser Gln Gln Asn Pro Gln Asp Gln Gly Ser Val Gln
1               5                   10                  15

Pro Gln Gln Leu
            20


<210>    370
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    370
Ser Phe Arg Pro Ser Gln Gln Asn Pro Arg Ala Gln Gly Ser Val Gln
1               5                   10                  15

Pro Gln Gln Leu
            20


<210>    371
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    371
Ser Phe Gln Pro Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Val Gln
1               5                   10                  15

Pro Gln Gln Leu
            20


<210>    372
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    372
Phe Phe Gln Pro Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Phe Gln
1               5                   10                  15

Pro Gln Gln Leu
            20


<210>    373
<211>    20
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<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 373
Phe Phe Gln Pro Phe Gln Gln Asn Pro Gln Ala Gln Gly Ser Phe Gln
1   5   10   15

Pro Gln Gln Leu
            20

<210> 374
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 374
Phe Phe Gln Pro Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Val Gln
1   5   10   15

Pro Gln Gln Leu
            20

<210> 375
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 375
Ser Phe Gln Pro Ser Gln Leu Asn Pro Gln Ala Gln Gly Ser Val Gln
1   5   10   15

Pro Gln Gln Leu
            20

<210> 376
<211> 20

<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 376
Ser Phe Gln Pro Ser Gln Leu Asn Pro Gln Ala Gln Gly Ser Val Gln
1   5   10   15

Pro Gln Gln Leu
            20

<210> 377
<211> 20

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<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    377
Ser Phe Gln Pro Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Val Gln
1               5                   10                  15

Pro Gln Gln Leu
         20


<210>    378
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    378
Ser Phe Gln Ser Ser Gln Gln Asn Pro Gln Ala Gln Gly Ser Val Gln
1               5                   10                  15

Pro Gln Gln Leu
         20


<210>    379
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    379
Pro Gln Ala Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Glu
1               5                   10                  15

Glu Ile Arg Asn
         20


<210>    380
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    380
Pro Gln Thr Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Glu
1               5                   10                  15

Glu Ile Arg Asn
         20


<210>    381
<211>    20
<212>    PRT
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   381
Pro Gln Ala Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Glu
1   5   10   15

Ile Arg Asn Leu
            20

<210>   382
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   382
Pro Leu Ala Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Glu
1   5   10   15

Glu Ile Arg Asn
            20

<210>   383
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   383
Pro Gln Asp Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Glu
1   5   10   15

Glu Ile Arg Asn
            20

<210>   384
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   384
Pro Arg Ala Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Glu
1   5   10   15

Glu Ile Arg Asn
            20

<210>   385
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   385
Pro Gln Ala Gln Gly Ser Phe Gln Pro Gln Gln Leu Pro Gln Phe Glu
1   5   10   15

Glu Ile Arg Asn
            20

<210>   386
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   386
Pro Gln Ala Gln Gly Ser Phe Gln Pro Gln Gln Leu Pro Gln Phe Glu
1   5   10   15

Ala Ile Arg Asn
            20

<210>   387
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   387
Pro Gln Ala Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Ala
1   5   10   15

Glu Ile Arg Asn
            20

<210>   388
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   388
Pro Gln Ala Gln Gly Ser Val Gln Pro Gln Gln Leu Pro Gln Phe Gln
1   5   10   15

Glu Ile Arg Asn
            20

<210>   389
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   389
Pro Gln Gln Leu Pro Gln Phe Glu Glu Ile Arg Asn Leu Ala Leu Gln
1   5   10   15

Thr Leu Pro Ala
            20

<210>   390
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   390
Pro Gln Gln Leu Pro Gln Phe Glu Ile Arg Asn Leu Ala Leu Gln Thr
1   5   10   15

Leu Pro Ala Met
            20

<210>   391
<211>   16
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   391
Pro Gln Gln Leu Pro Gln Phe Glu Glu Ile Arg Asn Leu Ala Arg Lys
1   5   10   15

<210>   392
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   392
Pro Gln Gln Leu Pro Gln Phe Glu Glu Ile Arg Asn Leu Ala Leu Glu
1   5   10   15

Thr Leu Pro Ala
            20

<210>   393
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400> 393
Pro Gln Gln Leu Pro Gln Phe Glu Ala Ile Arg Asn Leu Ala Leu Gln
1   5   10   15

Thr Leu Pro Ala
            20

<210> 394
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 394
Pro Gln Gln Leu Pro Gln Phe Ala Glu Ile Arg Asn Leu Ala Leu Gln
1   5   10   15

Thr Leu Pro Ala
            20

<210> 395
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 395
Pro Gln Gln Leu Pro Gln Phe Gln Glu Ile Arg Asn Leu Ala Leu Gln
1   5   10   15

Thr Leu Pro Ala
            20

<210> 396
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 396
Glu Ile Arg Asn Leu Ala Leu Gln Thr Leu Pro Ala Met Cys Asn Val
1   5   10   15

Tyr Ile Pro Pro
            20

<210> 397
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 397
Glu Ile Arg Asn Leu Ala Leu Gln Thr Leu Pro Ser Met Cys Asn Val
1   5   10   15

Tyr Ile Pro Pro
            20

<210> 398
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 398
Glu Ile Arg Asn Leu Ala Leu Glu Thr Leu Pro Ala Met Cys Asn Val
1   5   10   15

Tyr Ile Pro Pro
            20

<210> 399
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 399
Glu Ile Arg Asn Leu Ala Leu Gln Thr Leu Pro Arg Met Cys Asn Val
1   5   10   15

Tyr Ile Pro Pro
            20

<210> 400
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 400
Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Thr Ile
1   5   10   15

Ala Pro Phe Gly
            20

<210> 401
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 401
Thr Leu Pro Ser Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Thr Ile
1   5   10   15

Ala Pro Phe Gly
            20

<210> 402
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 402
Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Thr Ile
1   5   10   15

Val Pro Phe Gly
            20

<210> 403
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 403
Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Ala Met
1   5   10   15

Ala Pro Phe Gly
            20

<210> 404
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 404
Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Thr Ile
1   5   10   15

Thr Pro Phe Gly
            20

<210> 405
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 405

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Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Thr Ile
1               5                   10                  15

Ala Pro Val Gly
            20


<210>   406
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   406
Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Ser Thr
1               5                   10                  15

Thr Ile Ala Pro
            20


<210>   407
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   407
Thr Leu Pro Arg Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Ser Thr
1               5                   10                  15

Thr Ile Ala Pro
            20


<210>   408
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   408
Thr Leu Pro Arg Met Cys Asn Val Tyr Ile Pro Pro Tyr Cys Ser Thr
1               5                   10                  15

Thr Thr Ala Pro
            20


<210>   409
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   409
Thr Leu Pro Ala Met Cys Asn Val Tyr Ile Pro Pro His Cys Ser Thr
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1                5                        10                      15

Thr Ile Ala Pro
                20


<210>   410

<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   410
Tyr Ile Pro Pro Tyr Cys Thr Ile Ala Pro Phe Gly Ile Phe Gly Thr
1                5                        10                      15

Asn Tyr Arg


<210>   411
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   411
Tyr Ile Pro Pro Tyr Cys Thr Ile Val Pro Phe Gly Ile Phe Gly Thr
1                5                        10                      15

Asn Tyr Arg


<210>   412
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   412
Tyr Ile Pro Pro Tyr Cys Ala Met Ala Pro Phe Gly Ile Phe Gly Thr
1                5                        10                      15

Asn Tyr Arg


<210>   413
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   413
Tyr Ile Pro Pro Tyr Cys Thr Met Ala Pro Phe Gly Ile Phe Gly Thr
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Asn Tyr Arg

<210>   414
<211>   17
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   414
Tyr Ile Pro Pro Tyr Cys Thr Ile Thr Pro Phe Gly Ile Phe Gly Thr
1   5   10   15

Asn

<210>   415
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   415
Tyr Ile Pro Pro Tyr Cys Thr Ile Ala Pro Val Gly Ile Phe Gly Thr
1   5   10   15

Asn Tyr Arg

<210>   416
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   416
Tyr Ile Pro Pro Tyr Cys Ser Thr Thr Ile Ala Pro Val Gly Ile Phe
1   5   10   15

Gly Thr Asn

<210>   417
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   417
Tyr Ile Pro Pro Tyr Cys Ser Thr Thr Thr Ala Pro Phe Gly Ile Phe
1   5   10   15

Gly Thr Asn

<210>   418
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   418
Tyr Ile Pro Pro His Cys Ser Thr Thr Ile Ala Pro Phe Gly Ile Phe
1   5   10   15

Gly Thr Asn

<210>   419
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   419
Tyr Ile Pro Pro His Cys Ser Thr Thr Ile Ala Pro Phe Gly Ile Ser
1   5   10   15

Gly Thr Asn

<210>   420
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   420
Ile Pro Pro Tyr Cys Ser Thr Thr Ile Ala Pro Phe Gly Ile Phe Gly
1   5   10   15

Thr Asn Tyr Arg
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<210>   421
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   421
Gly Thr Ala Asn Met Gln Val Asp Pro Ser Ser Gln Val Gln Trp Pro
1   5   10   15

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Gln Gln Gln Pro
            20


<210>    422
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    422
Gly Thr Ala Asn Ile Gln Val Asp Pro Ser Gly Gln Val Gln Trp Leu
1                   5                   10                  15

Gln Gln Gln Leu
            20


<210>    423
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    423
Ala Thr Ala Asn Met Gln Val Asp Pro Ser Gly Gln Val Pro Trp Pro
1                   5                   10                  15

Gln Gln Gln Pro
            20


<210>    424
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    424
Met Asn Ile Gln Val Asp Pro Ser Gly Gln Val Pro Trp Pro Gln Gln
1                   5                   10                  15

Gln Pro Phe Pro
            20


<210>    425
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    425
Ala Thr Ala Asn Met Gln Ala Asp Pro Ser Gly Gln Val Gln Trp Pro
1                   5                   10                  15

Gln Gln Gln Pro
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<210> 426
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 426
Thr Thr Ala Asn Ile Gln Val Asp Pro Ser Gly Gln Val Gln Trp Pro
1   5   10   15

Gln Gln Gln Gln
            20

<210> 427
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 427
Ala Thr Ala Asn Met Gln Val Asp Pro Ser Gly Gln Val Gln Trp Pro
1   5   10   15

Gln Gln Gln Pro
            20

<210> 428
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 428
Gln Ile Val Phe Pro Ser Gly Gln Val Gln Trp Pro Gln Gln Gln Gln
1   5   10   15

Pro Phe Pro

<210> 429
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 429
Pro Ser Ser Gln Val Gln Trp Pro Gln Gln Gln Pro Val Pro Gln Pro
1   5   10   15

His Gln Pro Phe
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<210> 430
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 430
Pro Ser Gly Gln Val Gln Trp Leu Gln Gln Gln Leu Val Pro Gln Leu
1   5   10   15

Gln Gln Pro Leu
            20

<210> 431
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 431
Pro Ser Gly Gln Val Pro Trp Pro Gln Gln Gln Pro Phe Pro Gln Pro
1   5   10   15

His Gln Pro Phe
            20

<210> 432
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 432
Pro Ser Gly Gln Val Gln Trp Pro Gln Gln Gln Pro Phe Leu Gln Pro
1   5   10   15

His Gln Pro Phe
            20

<210> 433
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 433
Pro Ser Gly Gln Val Gln Trp Pro Gln Gln Gln Gln Pro Phe Pro Gln
1   5   10   15

Pro Gln Gln Pro
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<210> 434
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 434
Pro Ser Gly Gln Val Gln Trp Pro Gln Gln Pro Phe Arg Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210> 435
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 435
Pro Ser Gly Gln Val Gln Trp Pro Gln Gln Pro Phe Pro Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210> 436
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 436
Gln Gln Gln Pro Val Pro Gln Pro His Gln Pro Phe Ser Gln Gln Pro
1   5   10   15

Gln Gln Thr Phe
            20

<210> 437
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 437
Gln Gln Gln Leu Val Pro Gln Leu Gln Gln Pro Leu Ser Gln Gln Pro
1   5   10   15

Gln Gln Thr Phe
            20

<210> 438

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<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    438
Gln Gln Gln Pro Phe Pro Gln Pro His Gln Pro Phe Ser Gln Gln Pro
1                 5                   10                  15

Gln Gln Thr Phe
            20

<210>    439
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    439
Gln Gln Gln Pro Phe Leu Gln Pro His Gln Pro Phe Ser Gln Gln Pro
1                 5                   10                  15

Gln Gln Ile Phe
            20

<210>    440
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    440
Gln Gln Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Phe Ser Gln Gln
1                 5                   10                  15

Pro Gln Gln Ile
            20

<210>    441
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    441
Gln Gln Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe
1                 5                   10                  15

Pro Gln Pro Gln
            20

<210>    442
<211>    20
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<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    442
Gln Gln Gln Pro Phe Arg Gln Pro Gln Gln Pro Phe Tyr Gln Gln Pro
1                5                10               15

Gln His Thr Phe
         20

<210>    443
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide


<400>    443
Gln Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Phe Cys Gln Gln Pro
1                5                10               15

Gln Arg Thr Ile
         20

<210>    444
<211>    20
<212>    PRT
<213>    Artificial Sequence


<220>
<223>    wheat gliadin peptide

<400>    444
Gln Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Phe Cys Glu Gln Pro
1                5                10               15

Gln Arg Thr Ile
         20

<210>    445
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    445
His Gln Pro Phe Ser Gln Gln Pro Gln Gln Thr Phe Pro Gln Pro Gln
1                5                10               15

Gln Thr Phe Pro
         20

<210>    446
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<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 446
Gln Gln Pro Leu Ser Gln Gln Pro Gln Gln Thr Phe Pro Gln Pro Gln
1   5   10   15

Gln Thr Phe Pro
            20

<210> 447
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 447
His Gln Pro Phe Ser Gln Gln Pro Gln Gln Ile Phe Pro Gln Pro Gln
1   5   10   15

Gln Thr Phe Pro
            20

<210> 448
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 448
Gln Gln Pro Phe Ser Gln Gln Pro Gln Gln Ile Phe Pro Gln Pro Gln
1   5   10   15

Gln Thr Phe Pro
            20

<210> 449
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 449
Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Leu Pro
1   5   10   15

Phe Pro Gln Gln
            20

<210> 450
<211> 20

<212> PRT
<213> Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   450
Gln Gln Pro Phe Tyr Gln Gln Pro Gln His Thr Phe Pro Gln Pro Gln
1   5   10   15

Gln Thr Cys Pro
            20

<210>   451
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   451
Gln Gln Pro Phe Cys Gln Gln Pro Gln Arg Thr Ile Pro Gln Pro His
1   5   10   15

Gln Thr Phe His
            20

<210>   452
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   452
Gln Gln Pro Phe Cys Gln Gln Pro Gln Gln Thr Ile Pro Gln Pro His
1   5   10   15

Gln Thr Phe His
            20

<210>   453
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   453
Gln Gln Pro Phe Cys Glu Gln Pro Gln Arg Thr Ile Pro Gln Pro His
1   5   10   15

Gln Thr Phe His
            20

<210>   454
<211>   20
<212>   PRT

<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   454
Gln Gln Thr Phe Pro Gln Pro Gln Gln Thr Phe Pro His Gln Pro Gln
1   5   10   15

Gln Gln Phe Pro
         20

<210>   455
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   455
Gln Gln Ile Phe Pro Gln Pro Gln Gln Thr Phe Pro His Gln Pro Gln
1   5   10   15

Gln Gln Phe Pro
         20

<210>   456
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   456
Gln Gln Ile Phe Pro Gln Pro Gln Gln Thr Phe Pro His Gln Pro Gln
1   5   10   15

Gln Ala Phe Pro
         20

<210>   457

<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   457
Gln Arg Thr Ile Pro Gln Pro His Gln Thr Phe His His Gln Pro Gln
1   5   10   15

Gln Thr Phe Pro
         20

<210>   458
<211>   20
<212>   PRT

<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 458
Gln Thr Phe Pro His Gln Pro Gln Gln Ala Phe Pro Gln Pro Gln Gln
1   5   10   15

Thr Phe Pro His
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<210> 459
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 459
Gln Thr Phe His His Gln Pro Gln Gln Thr Phe Pro Gln Pro Gln Gln
1   5   10   15

Thr Tyr Pro His
            20

<210> 460
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 460
Gln Thr Phe His His Gln Pro Gln Gln Thr Phe Pro Gln Pro Glu Gln
1   5   10   15

Thr Tyr Pro His
            20

<210> 461
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 461
Gln Ala Phe Pro Gln Pro Gln Gln Thr Phe Pro His Gln Pro Gln Gln
1   5   10   15

Gln Phe Pro Gln
            20

<210> 462
<211> 20
<212> PRT
<213> Artificial Sequence

113

<220>
<223> wheat gliadin peptide

<400> 462
Gln His Thr Phe Pro Gln Pro Gln Gln Thr Cys Pro His Gln Pro Gln
1   5   10   15

Gln Gln Phe Pro
            20

<210> 463
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 463
Gln Thr Phe Pro Gln Pro Gln Gln Thr Tyr Pro His Gln Pro Gln Gln
1   5   10   15

Gln Phe Pro Gln
            20

<210> 464
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 464
Gln Thr Phe Pro Gln Pro Glu Gln Thr Tyr Pro His Gln Pro Gln Gln
1   5   10   15

Gln Phe Pro Gln
            20

<210> 465
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 465
Gln Thr Phe Pro His Gln Pro Gln Gln Phe Pro Gln Pro Gln Gln
1   5   10   15

Pro Gln Gln Gln
            20

<210> 466
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   466
Gln Thr Phe Pro His Gln Pro Gln Gln Gln Val Pro Gln Pro Gln Gln
1   5   10   15

Pro Gln Gln Pro
          20

<210>   467
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   467
Gln Thr Phe Pro His Gln Pro Gln Gln Gln Phe Ser Gln Pro Gln Gln
1   5   10   15

Pro Gln Gln Gln
          20

<210>   468
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   468
Gln Thr Cys Pro His Gln Pro Gln Gln Gln Phe Pro Gln Pro Gln Gln
1   5   10   15

Pro Gln Gln Pro
          20

<210>   469
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   469
Gln Thr Tyr Pro His Gln Pro Gln Gln Gln Phe Pro Gln Thr Gln Gln
1   5   10   15

Pro Gln Gln Pro
          20

<210>   470
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>

<223> wheat gliadin peptide

<400> 470
Gln Gln Phe Pro Gln Pro Gln Gln Pro Gln Gln Gln Phe Leu Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210> 471
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 471
Gln Gln Val Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Leu Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210> 472
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 472
Gln Gln Phe Ser Gln Pro Gln Gln Pro Gln Gln Gln Phe Ile Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210> 473
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 473
Gln Gln Phe Pro Gln Pro Gln Gln Pro Gln Gln Gln Phe Leu Gln Pro
1   5   10   15

Arg Gln Pro Phe
            20

<210> 474
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 474
Gln Gln Phe Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Gln
1   5   10   15

Pro Gln Gln Gln
          20

<210> 475
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 475
Gln Gln Phe Pro Gln Thr Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro
1   5   10   15

Gln Gln Thr Phe
          20

<210> 476
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 476
Pro Gln Gln Gln Phe Leu Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro
1   5   10   15

Gln Gln Pro Tyr
          20

<210> 477
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 477
Pro Gln Gln Gln Phe Ile Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro
1   5   10   15

Gln Gln Thr Tyr
          20

<210> 478
<211> 20
<212> PRT
<213> Artificial Sequence

<220>

<223>   wheat gliadin peptide

<400>   478
Pro Gln Gln Gln Phe Ile Gln Pro Gln Gln Pro Gln Gln Thr Tyr Pro
1   5   10   15

Gln Arg Pro Gln
        20

<210>   479
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   479
Pro Gln Gln Gln Phe Leu Gln Pro Arg Gln Pro Phe Pro Gln Gln Pro
1   5   10   15

Gln Gln Pro Tyr
        20

<210>   480
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   480
Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Gln Phe Pro Gln Pro
1   5   10   15

Gln Gln Pro Gln
        20

<210>   481
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   481
Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro
1   5   10   15

Gln Pro Gln Gln
        20

<210>   482
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400> 482
Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Thr Phe Pro Gln Gln Pro
1   5   10   15

Gln Leu Pro Phe
            20

<210> 483
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 483
Pro Gln Gln Gln Phe Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro
1   5   10   15

Gln Gln Pro Gln
            20

<210> 484
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 484
Gln Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Gln Phe Pro
1   5   10   15

Gln Pro Gln Gln
            20

<210> 485
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 485
Gln Gln Pro Gln Gln Gln Phe Pro Gln Pro Gln Gln Pro Gln Gln Pro
1   5   10   15

Phe Pro Gln Pro
            20

<210> 486
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400>   486
Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln
1   5   10   15

Leu Pro Phe Pro
            20

<210>   487
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   487
Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Tyr Pro Gln Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210>   488
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   488
Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Thr Gln
1   5   10   15

Gln Pro Gln Gln
            20

<210>   489

<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   489
Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Thr Tyr Pro Gln Arg Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210>   490
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400> 490
Arg Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Tyr Pro Gln Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210>   491
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   491
Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Leu Pro Phe Pro Gln
1   5   10   15

Gln Pro Gln Gln
            20

<210>   492
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   492
Gln Gln Pro Phe Pro Gln Pro Gln Gln Ala Gln Leu Pro Phe Pro Gln
1   5   10   15

Gln Pro Gln Gln
            20

<210>   493
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   493
Gln Gln Thr Phe Pro Gln Gln Pro Gln Leu Pro Phe Pro Gln Gln Pro
1   5   10   15

Gln Gln Pro Phe
            20

<210>   494
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   494

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Gln Gln Pro Tyr Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Thr Gln
1               5                   10                  15

Gln Pro Gln Gln
            20


<210>    495
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    495
Gln Gln Pro Phe Pro Gln Thr Gln Gln Pro Gln Gln Pro Phe Pro Gln
1               5                   10                  15

Gln Pro Gln Gln
            20


<210>    496
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    496
Gln Gln Thr Tyr Pro Gln Arg Pro Gln Gln Pro Phe Pro Gln Thr Gln
1               5                   10                  15

Gln Pro Gln Gln
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<210>    497
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    497
Gln Pro Gln Leu Pro Phe Pro Gln Gln Pro Gln Gln Gln Pro Gln Gln
1               5                   10                  15

Pro Phe Pro Gln
            20


<210>    498
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    498
Gln Ala Gln Leu Pro Phe Pro Gln Gln Pro Gln Gln Pro Leu Pro Gln
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1                 5                      10                     15

Pro Gln Gln Pro
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<210>    499
<211>    20
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<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    499
Gln Leu Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln
1                 5                      10                     15

Gln Pro Gln Gln
            20


<210>    500
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<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    500
Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln
1                 5                      10                     15

Thr Gln Gln Pro
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<210>    501
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<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    501
Gln Pro Gln Gln Pro Phe Pro Gln Thr Gln Gln Pro Gln Gln Pro Phe
1                 5                      10                     15

Pro Gln Gln Pro
            20


<210>    502
<211>    20
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<220>
<223>    wheat gliadin peptide

<400>    502
Thr Gln Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe
1                 5                      10                     15
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123

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Pro Gln Thr Gln
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<210>    503
<211>    20
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<220>
<223>    wheat gliadin peptide

<400>    503.
Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Thr Gln Gln Pro Gln Gln
1                   5                   10                  15

Pro Phe Pro Gln
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<210>    504
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    504
Gln Gln Pro Phe Pro Gln Thr Gln Gln Pro Gln Gln Leu Phe Pro Gln
1                   5                   10                  15

Ser Gln Gln Pro
          20


<210>    505
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    505
Gln Gln Pro Phe Pro Gln Thr Gln Gln Pro Gln Gln Pro Phe Pro Gln
1                   5                   10                  15

Leu Gln Gln Pro
          20


<210>    506
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    506
Gln Gln Pro Phe Pro Gln Thr Gln Gln Pro Gln Gln Pro Phe Pro Gln
1                   5                   10                  15
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Ser Gln Gln Pro
            20

<210>   507
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   507
Gln Gln Pro Phe Pro Gln Thr Gln Gln Pro Gln Gln Pro Phe Pro Gln
1   5   10   15

Ser Lys Gln Pro
            20

<210>   508
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   508
Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln
1   5   10   15

Leu Gln Gln Pro
            20

<210>   509
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   509
Gln Gln Pro Leu Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln
1   5   10   15

Ser Gln Gln Pro
            20

<210>   510
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   510
Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln
1   5   10   15

125

Ser Gln Gln Pro
            20

<210>   511
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   511
Gln Pro Gln Gln Leu Phe Pro Gln Ser Gln Gln Pro Gln Gln Gln Phe
1   5   10   15

Ser Gln Pro Gln
            20

<210>   512
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   512
Gln Pro Gln Gln Pro Phe Pro Gln Leu Gln Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Gln Pro Gln
            20

<210>   513
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   513
Gln Pro Gln Gln Pro Phe Pro Gln Ser Gln Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Gln Pro Gln
            20

<210>   514
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   514
Gln Pro Gln Gln Pro Phe Pro Gln Ser Lys Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Gln Pro Gln
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<210>   515
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   515
Gln Pro Gln Gln Pro Phe Pro Gln Leu Gln Gln Pro Gln Gln Pro Leu
1   5   10   15

Pro Gln Pro Gln
        20

<210>   516
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   516
Ser Gln Gln Pro Gln Gln Phe Ser Gln Pro Gln Gln Gln Phe Pro
1   5   10   15

Gln Pro Gln Gln
        20

<210>   517
<211>   20
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   517
Leu Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Gln Leu Pro
1   5   10   15

Gln Pro Gln Gln
        20

<210>   518
<211>   20
<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   518
Ser Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Gln Phe Pro
1   5   10   15

Gln Pro Gln Gln

<210>   519
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   519
Ser Lys Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Gln
1   5   10   15

Ser Phe Pro Gln
          20

<210>   520
<211>   20
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<220>
<223>   wheat gliadin peptide

<400>   520
Leu Gln Gln Pro Gln Gln Pro Leu Pro Gln Pro Gln Gln Pro Gln Gln
1   5   10   15

Pro Phe Pro Gln
          20

<210>   521

<211>   20
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   521
Ser Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Gln Gln
1   5   10   15

Ser Phe Pro Gln
          20

<210>   522
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   522
Ser Gln Pro Gln Gln Gln Phe Pro Gln Pro Gln Gln Pro Gln Gln Ser
1   5   10   15

Phe Pro Gln Gln

<210> 523
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<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 523
Pro Gln Pro Gln Gln Gln Leu Pro Gln Pro Gln Gln Pro Gln Gln Ser
1   5   10   15

Phe Pro Gln Gln
        20

<210> 524
<211> 20
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 524
Pro Gln Pro Gln Gln Gln Phe Pro Gln Pro Gln Gln Pro Gln Gln Ser
1   5   10   15

Phe Pro Gln Gln
        20

<210> 525
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<212> PRT
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<220>
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<400> 525
Pro Gln Pro Gln Gln Pro Gln Gln Ser Phe Pro Gln Gln Gln Pro Ser
1   5   10   15

Leu Ile Gln Gln
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<210> 526
<211> 20
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 526
Pro Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Gln Gln Gln Pro
1   5   10   15

Leu Ile Gln Pro
        20

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<210>    527
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<220>
<223>    wheat gliadin peptide

<400>    527
Pro Gln Pro Gln Gln Pro Gln Gln Ser Phe Pro Gln Gln Gln Gln Pro
1                   5                   10                  15

Leu Ile Gln Pro
            20

<210>    528
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<220>
<223>    wheat gliadin peptide

<400>    528
Gln Pro Gln Gln Pro Gln Gln Ser Phe Pro Gln Gln Gln Pro Pro Phe
1                   5                   10                  15

Ile Gln Pro Ser
            20

<210>    529
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<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    529
Gln Pro Gln Gln Pro Gln Gln Ser Phe Pro Gln Gln Gln Arg Pro Phe
1                   5                   10                  15

Ile Gln Pro Ser
            20

<210>    530
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    530
Gln Pro Gln Gln Pro Gln Gln Ser Phe Pro Gln Gln Gln Pro Ser Leu
1                   5                   10                  15

Ile Gln Gln Ser
            20
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<210>   531
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   531
Phe Pro Gln Gln Gln Pro Pro Phe Ile Gln Pro Ser Leu Gln Gln Gln
1   5   10   15

Val Asn Pro Cys
            20

<210>   532
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   532
Phe Pro Gln Gln Gln Arg Pro Phe Ile Gln Pro Ser Leu Gln Gln Gln
1   5   10   15

Leu Asn Pro Cys
            20

<210>   533
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   533
Phe Pro Gln Gln Gln Pro Ser Leu Ile Gln Gln Ser Leu Gln Gln Gln
1   5   10   15

Leu Asn Pro Cys
            20

<210>   534
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   534
Phe Pro Gln Gln Gln Gln Pro Leu Ile Gln Pro Tyr Leu Gln Gln Gln
1   5   10   15

Met Asn Pro Cys
            20

<210>   535

131

<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   535
Phe Pro Gln Gln Gln Gln Pro Ala Ile Gln Ser Phe Leu Gln Gln Gln
1   5   10   15

Met Asn Pro Cys
            20

<210>   536
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   536
Ile Gln Pro Ser Leu Gln Gln Gln Val Asn Pro Cys Lys Asn Phe Leu
1   5   10   15

Leu Gln Gln Cys
            20

<210>   537
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   537
Ile Gln Pro Ser Leu Gln Gln Gln Leu Asn Pro Cys Lys Asn Ile Leu
1   5   10   15

Leu Gln Gln Ser
            20

<210>   538
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<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   538
Ile Gln Gln Ser Leu Gln Gln Gln Leu Asn Pro Cys Lys Asn Phe Leu
1   5   10   15

Leu Gln Gln Cys
            20

<210>   539
<211>   20

<212> PRT
<213> Artificial Sequence

<220>
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<400> 539
Ile Gln Pro Tyr Leu Gln Gln Gln Met Asn Pro Cys Lys Asn Tyr Leu
1   5   10   15

Leu Gln Gln Cys
            20

<210> 540
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<212> PRT
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<220>
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<400> 540
Ile Gln Ser Phe Leu Gln Gln Gln Met Asn Pro Cys Lys Asn Phe Leu
1   5   10   15

Leu Gln Gln Cys
            20

<210> 541
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<212> PRT
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<220>
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<400> 541
Val Asn Pro Cys Lys Asn Phe Leu Leu Gln Gln Cys Lys Pro Val Ser
1   5   10   15

Leu Val Ser Ser
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<210> 542
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<212> PRT
<213> Artificial Sequence

<220>
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<400> 542
Leu Asn Pro Cys Lys Asn Ile Leu Leu Gln Gln Ser Lys Pro Ala Ser
1   5   10   15

Leu Val Ser Ser
            20

<210> 543

<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   543
Leu Asn Pro Cys Lys Asn Phe Leu Leu Gln Gln Cys Lys Pro Val Ser
1   5   10   15

Leu Val Ser Ser
            20

<210>   544
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   544
Met Asn Pro Cys Lys Asn Tyr Leu Leu Gln Gln Cys Asn Pro Val Ser
1   5   10   15

Leu Val Ser Ser
            20

<210>   545
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   545
Met Asn Pro Cys Lys Asn Phe Leu Leu Gln Gln Cys Asn His Val Ser
1   5   10   15

Leu Val Ser Ser
            20

<210>   546
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   546
Leu Gln Gln Cys Lys Pro Val Ser Leu Val Ser Ser Leu Trp Ser Met
1   5   10   15

Ile Trp Pro Gln
            20

<210>   547
<211>   20

134

<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 547
Leu Gln Gln Ser Lys Pro Ala Ser Leu Val Ser Ser Leu Trp Ser Ile
1   5   10   15

Ile Trp Pro Gln
            20

<210> 548
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 548
Leu Gln Gln Cys Lys Pro Val Ser Leu Val Ser Ser Leu Trp Ser Met
1   5   10   15

Ile Leu Pro Arg
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<210> 549
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<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 549
Leu Gln Gln Cys Asn Pro Val Ser Leu Val Ser Ser Leu Val Ser Met
1   5   10   15

Ile Leu Pro Arg
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<210> 550
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<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 550
Leu Gln Gln Cys Asn His Val Ser Leu Val Ser Ser Leu Val Ser Ile
1   5   10   15

Ile Leu Pro Arg
            20

<210> 551
<211> 20
<212> PRT

<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   551
Leu Val Ser Ser Leu Trp Ser Met Ile Trp Pro Gln Ser Asp Cys Gln
1   5   10   15

Val Met Arg Gln
          20

<210>   552
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<212>   PRT
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<220>
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<400>   552
Leu Val Ser Ser Leu Trp Ser Ile Ile Trp Pro Gln Ser Asp Cys Gln
1   5   10   15

Val Met Arg Gln
          20

<210>   553

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<212>   PRT
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Leu Val Ser Ser Leu Trp Ser Met Ile Leu Pro Arg Ser Asp Cys Gln
1   5   10   15

Val Met Arg Gln
          20

<210>   554
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<400>   554
Leu Val Ser Ser Leu Trp Ser Ile Ile Leu Pro Pro Ser Asp Cys Gln
1   5   10   15

Val Met Arg Gln
          20

<210>   555
<211>   20
<212>   PRT

<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   555
Leu Val Ser Ser Leu Val Ser Met Ile Leu Pro Arg Ser Asp Cys Lys
1   5   10   15

Val Met Arg Gln
            20

<210>   556
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<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   556
Leu Val Ser Ser Leu Val Ser Met Ile Leu Pro Arg Ser Asp Cys Gln
1   5   10   15

Val Met Gln Gln
            20

<210>   557
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<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   557
Leu Val Ser Ser Leu Val Ser Ile Ile Leu Pro Arg Ser Asp Cys Gln
1   5   10   15

Val Met Gln Gln
            20

<210>   558
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   558
Ile Trp Pro Gln Ser Asp Cys Gln Val Met Arg Gln Gln Cys Cys Gln
1   5   10   15

Gln Leu Ala Gln
            20

<210>   559
<211>   20
<212>   PRT
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<220>
<223>    wheat gliadin peptide

<400>    559
Ile Leu Pro Arg Ser Asp Cys Gln Val Met Arg Gln Gln Cys Cys Gln
1               5                   10                  15

Gln Leu Ala Gln
            20

<210>    560
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    560
Ile Leu Pro Pro Ser Asp Cys Gln Val Met Arg Gln Gln Cys Cys Gln
1               5                   10                  15

Gln Leu Ala Gln
            20

<210>    561
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<212>    PRT
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<220>
<223>    wheat gliadin peptide

<400>    561
Ile Leu Pro Arg Ser Asp Cys Lys Val Met Arg Gln Gln Cys Cys Gln
1               5                   10                  15

Gln Leu Ala Arg
            20

<210>    562
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    562
Ile Leu Pro Arg Ser Asp Cys Gln Val Met Gln Gln Gln Cys Cys Gln
1               5                   10                  15

Gln Leu Ala Gln
            20

<210>    563
<211>    20
<212>    PRT
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<220>
<223> wheat gliadin peptide

<400> 563
Val Met Arg Gln Gln Cys Cys Gln Gln Leu Ala Gln Ile Pro Gln Gln
1   5   10   15

Leu Gln Cys Ala
            20

<210> 564
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<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 564
Val Met Arg Gln Gln Cys Cys Gln Gln Leu Ala Arg Ile Pro Gln Gln
1   5   10   15

Leu Gln Cys Ala
            20

<210> 565
<211> 20
<212> PRT
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<220>
<223> wheat gliadin peptide

<400> 565
Val Met Gln Gln Gln Cys Cys Gln Gln Leu Ala Gln Ile Pro Arg Gln
1   5   10   15

Leu Gln Cys Ala
            20

<210> 566
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<212> PRT
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<220>
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<400> 566
Val Met Gln Gln Gln Cys Cys Gln Gln Leu Ala Gln Ile Pro Gln Gln
1   5   10   15

Leu Gln Cys Ala
            20

<210> 567
<211> 20
<212> PRT
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<220>

<223>   wheat gliadin peptide

<400>   567
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1   5   10   15

Ile Ile His Ser
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<210>   568
<211>   20
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   568
Gln Leu Ala Gln Ile Pro Gln Gln Leu Gln Cys Ala Ala Ile His Thr
1   5   10   15

Val Ile His Ser
           20

<210>   569
<211>   20
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   569
Gln Leu Ala Gln Ile Pro Gln Gln Leu Gln Cys Ala Ala Ile His Ser
1   5   10   15

Val Val His Ser
           20

<210>   570
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<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   570
Gln Leu Ala Gln Ile Pro Gln Gln Leu Gln Cys Ala Ala Ile His Ser
1   5   10   15

Ile Val His Ser
           20

<210>   571
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>

<223>   wheat gliadin peptide

<400>   571
Gln Leu Ala Arg Ile Pro Gln Gln Leu Gln Cys Ala Ala Ile His Gly
1   5   10   15

Ile Val His Ser
            20

<210>   572
<211>   20
<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   572
Gln Leu Ala Gln Ile Pro Arg Gln Leu Gln Cys Ala Ala Ile His Ser
1   5   10   15

Val Val His Ser
            20

<210>   573
<211>   20
<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   573
Gln Leu Ala Gln Ile Pro Gln Gln Leu Gln Cys Ala Ala Ile His Ser
1   5   10   15

Val Ala His Ser
            20

<210>   574
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   574
Leu Gln Cys Ala Ala Ile His Thr Ile Ile His Ser Ile Ile Met Gln
1   5   10   15

Gln Glu Gln Gln
            20

<210>   575
<211>   20
<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   575
Leu Gln Cys Ala Ala Ile His Thr Val Ile His Ser Ile Ile Met Gln
1   5   10   15

Gln Glu Gln Gln
            20

<210>   576
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   576
Leu Gln Cys Ala Ala Ile His Ser Val Val His Ser Ile Ile Met Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210>   577
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   577
Leu Gln Cys Ala Ala Ile His Ser Ile Val His Ser Ile Ile Met Gln
1   5   10   15

Gln Glu Gln Gln
            20

<210>   578
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   578
Leu Gln Cys Ala Ala Ile His Ser Val Val His Ser Ile Ile Met Gln
1   5   10   15

Gln Glu Gln Gln
            20

<210>   579
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>

<223>   wheat gliadin peptide

<400>   579
Leu Gln Cys Ala Ala Ile His Gly Ile Val His Ser Ile Ile Met Gln
1   5   10   15

Gln Glu Gln Gln
            20

<210>   580
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   580
Leu Gln Cys Ala Ala Ile His Ser Val Ala His Ser Ile Ile Met Gln
1   5   10   15

Gln Glu Gln Gln
            20

<210>   581
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   581
Ile Ile His Ser Ile Ile Met Gln Gln Glu Gln Gln Glu Gln Gln Gln
1   5   10   15

Gly Met His Ile
            20

<210>   582
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   582
Val Ile His Ser Ile Ile Met Gln Gln Glu Gln Gln Gln Gly Met His
1   5   10   15

Ile Leu Leu Pro
            20

<210>   583
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

143

<400> 583
Val Val His Ser Ile Ile Met Gln Gln Gln Gln Gln Gln Gln Gln
1   5   10   15

Gln Gly Ile Asp
            20

<210> 584
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 584
Ile Val His Ser Ile Ile Met Gln Gln Glu Gln Gln Glu Gln Arg Gln
1   5   10   15

Gly Val Gln Ile
            20

<210> 585

<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 585
Val Val His Ser Ile Ile Met Gln Gln Glu Gln Gln Glu Gln Leu Gln
1   5   10   15

Gly Val Gln Ile
            20

<210> 586
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 586
Ile Val His Ser Ile Ile Met Gln Gln Glu Gln Gln Gln Gln Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210> 587
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

144

<400> 587
Val Val His Ser Ile Val Met Gln Gln Glu Gln Gln Gln Gly Ile Gln
1   5   10   15

Ile Leu Arg Pro
            20

<210>   588
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   588
Val Ala His Ser Ile Ile Met Gln Gln Glu Gln Gln Gln Gly Val Pro
1   5   10   15

Ile Leu Arg Pro
            20

<210>   589
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   589
Gln Glu Gln Gln Glu Gln Gln Gln Gly Met His Ile Leu Leu Pro Leu
1   5   10   15

Tyr Gln Gln Gln
            20

<210>   590
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   590
Gln Gln Gln Gln Gln Gln Gln Gln Gly Ile Asp Ile Phe Leu Pro
1   5   10   15

Leu Ser Gln His
            20

<210>   591
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

145

<400> 591
Gln Gln Gln Gln Gln Gln Gln Gln Gln Gly Met His Ile Phe Leu Pro
1   5   10   15

Leu Ser Gln Gln
            20

<210> 592
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 592
Gln Glu Gln Gln Glu Gln Arg Gln Gly Val Gln Ile Leu Val Pro Leu
1   5   10   15

Ser Gln Gln Gln
            20

<210> 593
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 593
Gln Glu Gln Gln Glu Gln Leu Gln Gly Val Gln Ile Leu Val Pro Leu
1   5   10   15

Ser Gln Gln Gln
            20

<210> 594
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 594
Gln Glu Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gly
1   5   10   15

Ile Gln Ile Met
            20

<210> 595
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 595

Gln Glu Gln Gln Gln Gly Ile Gln Ile Leu Arg Pro Leu Phe Gln Leu
1   5   10   15

Val Gln Gly Gln
            20

<210>   596
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   596
Gln Glu Gln Gln Gln Gly Val Pro Ile Leu Arg Pro Leu Phe Gln Leu
1   5   10   15

Ala Gln Gly Leu
            20

<210>   597
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   597
Gln Gln Gln Gln Gln Gln Gln Gly Ile Gln Ile Met Arg Pro Leu Phe
1   5   10   15

Gln Leu Val Gln
            20

<210>   598
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   598
Gly Met His Ile Leu Leu Pro Leu Tyr Gln Gln Gln Gln Val Gly Gln
1   5   10   15

Gly Thr Leu Val
            20

<210>   599
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   599
Gly Ile Asp Ile Phe Leu Pro Leu Ser Gln His Glu Gln Val Gly Gln

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1                5                10                15


Gly Ser Leu Val
            20


<210>   600
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   600
Gly Met His Ile Phe Leu Pro Leu Ser Gln Gln Gln Gln Val Gly Gln
1                5                10                15


Gly Ser Leu Val
            20


<210>   601
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   601
Gly Val Gln Ile Leu Val Pro Leu Ser Gln Gln Gln Gln Val Gly Gln
1                5                10                15


Gly Thr Leu Val
            20


<210>   602
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   602
Gly Val Gln Ile Leu Val Pro Leu Ser Gln Gln Gln Gln Val Gly Gln
1                5                10                15


Gly Ile Leu Val
            20


<210>   603
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide


<400>   603
Gly Ile Gln Ile Met Arg Pro Leu Phe Gln Leu Val Gln Gly Gln Gly
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```
1                  5                    10                  15

Ile Ile Gln Pro
          20


<210>   604
<211>   20
<212>   PRT
<213>   Artificial Sequence


<220>
<223>   wheat gliadin peptide

<400>   604
Gly Ile Gln Ile Leu Arg Pro Leu Phe Gln Leu Val Gln Gly Gln Gly
1                  5                    10                  15

Ile Ile Gln Pro
          20


<210>   605
<211>   20
<212>   PRT
<213>   Artificial Sequence


<220>
<223>   wheat gliadin peptide


<400>   605
Gly Val Pro Ile Leu Arg Pro Leu Phe Gln Leu Ala Gln Gly Leu Gly
1                  5                    10                  15

Ile Ile Gln Pro
          20


<210>   606
<211>   20
<212>   PRT
<213>   Artificial Sequence


<220>
<223>   wheat gliadin peptide


<400>   606
Tyr Gln Gln Gln Gln Val Gly Gln Gly Thr Leu Val Gln Gly Gln Gly
1                  5                    10                  15

Ile Ile Gln Pro
          20


<210>   607
<211>   20
<212>   PRT
<213>   Artificial Sequence


<220>
<223>   wheat gliadin peptide


<400>   607
Ser Gln His Glu Gln Val Gly Gln Gly Ser Leu Val Gln Gly Gln Gly
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149

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1                5                    10                  15

Ile Ile Gln Pro
          20


<210>    608
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    608
Ser Gln Gln Gln Gln Val Gly Gln Gly Ser Leu Val Gln Gly Gln Gly
1                5                    10                  15

Ile Ile Gln Pro
          20


<210>    609
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    609
Ser Gln Gln Gln Gln Val Gly Gln Gly Thr Leu Val Gln Gly Gln Gly
1                5                    10                  15

Ile Ile Gln Pro
          20


<210>    610
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    610
Ser Gln Gln Gln Gln Val Gly Gln Gly Ile Leu Val Gln Gly Gln Gly
1                5                    10                  15

Ile Ile Gln Pro
          20


<210>    611
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    611
Gly Thr Leu Val Gln Gly Gln Gly Ile Ile Gln Pro Gln Gln Pro Ala
1                5                    10                  15
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Gln Leu Glu Ala
            20

<210>   612
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   612
Gly Ser Leu Val Gln Gly Gln Gly Ile Ile Gln Pro Gln Gln Pro Ala
1               5                   10                  15

Gln Leu Glu Ala
            20

<210>   613
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   613
Phe Gln Leu Val Gln Gly Gln Gly Ile Ile Gln Pro Gln Gln Pro Ala
1               5                   10                  15

Gln Leu Glu Val
            20·

<210>   614
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   614
Phe Gln Leu Ala Gln Gly Leu Gly Ile Ile Gln Pro Gln Gln Pro Ala
1               5                   10                  15

Gln Leu Glu Gly
            20

<210>   615
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   615
Ile Ile Gln Pro Gln Gln Pro Ala Gln Leu Glu Ala Ile Arg Ser Leu
1               5                   10                  15
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151

Val Leu Gln Thr
            20

<210>   616
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   616
Ile Ile Gln Pro Gln Gln Pro Ala Gln Leu Glu Val Ile Arg Ser Leu
1   5   10   15

Val Leu Gln Thr
            20

<210>   617

<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   617
Ile Ile Gln Pro Gln Gln Pro Ala Gln Leu Glu Val Ile Arg Ser Ser
1   5   10   15

Val Leu Gln Thr
            20

<210>   618
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   618
Ile Ile Gln Pro Gln Gln Pro Ala Gln Tyr Glu Val Ile Arg Ser Leu
1   5   10   15

Val Leu Arg Thr
            20

<210>   619
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   619
Ile Ile Gln Pro Gln Gln Pro Ala Gln Leu Glu Gly Ile Arg Ser Leu
1   5   10   15

Val Leu Lys Thr
            20

<210>   620
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   620
Gln Leu Glu Ala Ile Arg Ser Leu Val Leu Gln Thr Leu Pro Thr Met
1   5   10   15

Cys Asn Val Tyr
            20

<210>   621
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   621
Gln Leu Glu Ala Ile Arg Ser Leu Val Leu Gln Thr Leu Pro Ser Met
1   5   10   15

Cys Asn Val Tyr
            20

<210>   622
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   622
Gln Leu Glu Val Ile Arg Ser Leu Val Leu Gln Thr Leu Ala Thr Met
1   5   10   15

Cys Asn Val Tyr
            20

<210>   623
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   623
Gln Leu Glu Val Ile Arg Ser Ser Val Leu Gln Thr Leu Ala Thr Met
1   5   10   15

Cys Asn Val Tyr

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<210>    624
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    624
Gln Leu Glu Val Ile Arg Ser Leu Val Leu Gly Thr Leu Pro Thr Met
1                5                   10                  15

Cys Asn Val Phe
            20

<210>    625
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    625
Gln Tyr Glu Val Ile Arg Ser Leu Val Leu Arg Thr Leu Pro Asn Met
1                5                   10                  15

Cys Asn Val Tyr
            20

<210>    626
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    626
Gln Leu Glu Gly Ile Arg Ser Leu Val Leu Lys Thr Leu Pro Thr Met
1                5                   10                  15

Cys Asn Val Tyr
            20

<210>    627
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    627
Val Leu Gln Thr Leu Pro Thr Met Cys Asn Val Tyr Val Pro Pro Glu
1                5                   10                  15

Cys Ser Ile Ile
            20
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<210> 628
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 628
Val Leu Gln Thr Leu Pro Ser Met Cys Asn Val Tyr Val Pro Pro Glu
1   5   10   15

Cys Ser Ile Met
            20

<210> 629
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 629
Val Leu Gln Thr Leu Ala Thr Met Cys Asn Val Tyr Val Pro Pro Tyr
1   5   10   15

Cys Ser Thr Ile
            20

<210> 630
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 630
Val Leu Gly Thr Leu Pro Thr Met Cys Asn Val Phe Val Pro Pro Glu
1   5   10   15

Cys Ser Thr Thr
            20

<210> 631
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 631
Val Leu Arg Thr Leu Pro Asn Met Cys Asn Val Tyr Val Arg Pro Asp
1   5   10   15

Cys Ser Thr Ile
            20

<210> 632
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 632
Val Leu Lys Thr Leu Pro Thr Met Cys Asn Val Tyr Val Pro Pro Asp
1   5   10   15

Cys Ser Thr Ile
            20

<210> 633
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 633
Cys Asn Val Tyr Val Pro Pro Glu Cys Ser Ile Ile Lys Ala Pro Phe
1   5   10   15

Ser Ser Val Val
            20

<210> 634
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 634
Cys Asn Val Tyr Val Pro Pro Glu Cys Ser Ile Met Arg Ala Pro Phe
1   5   10   15

Ala Ser Ile Val
            20

<210> 635
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 635
Cys Asn Val Tyr Val Pro Pro Tyr Cys Ser Thr Ile Arg Ala Pro Phe
1   5   10   15

Ala Ser Ile Val
            20

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<210>    636
<211>    20
<212>    PRT
<213>    Artificial Sequence


<220>
<223>    wheat gliadin peptide

<400>    636
Cys Asn Val Phe Val Pro Pro Glu Cys Ser Thr Thr Lys Ala Pro Phe
1                5                   10                  15

Ala Ser Ile Val
            20

<210>    637
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    637
Cys Asn Val Tyr Val Arg Pro Asp Cys Ser Thr Ile Asn Ala Pro Phe
1                5                   10                  15

Ala Ser Ile Val
            20

<210>    638
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    638
Cys Asn Val Tyr Val Pro Pro Asp Cys Ser Thr Ile Asn Val Pro Tyr
1                5                   10                  15

Ala Asn Ile Asp
            20

<210>    639
<211>    18
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    639
Cys Ser Ile Ile Lys Ala Pro Phe Ser Ser Val Val Ala Gly Ile Gly
1                5                   10                  15

Gly Gln
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<210> 640
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 640
Cys Ser Ile Met Arg Ala Pro Phe Ala Ser Ile Val Ala Gly Ile Gly
1   5   10   15

Gly Gln

<210> 641
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 641
Cys Ser Thr Ile Arg Ala Pro Phe Ala Ser Ile Val Ala Gly Ile Gly
1   5   10   15

Gly Gln Tyr Arg
            20

<210> 642
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 642
Cys Ser Thr Ile Arg Ala Pro Phe Ala Ser Ile Val Ala Ser Ile Gly
1   5   10   15

Gly Gln

<210> 643
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 643
Cys Ser Thr Thr Lys Ala Pro Phe Ala Ser Ile Val Ala Asp Ile Gly
1   5   10   15

Gly Gln

<210> 644

<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 644
Cys Ser Thr Ile Asn Ala Pro Phe Ala Ser Ile Val Ala Gly Ile Ser
1   5   10   15

Gly Gln

<210> 645
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 645
Cys Ser Thr Ile Asn Val Pro Tyr Ala Asn Ile Asp Ala Gly Ile Gly
1   5   10   15

Gly Gln

<210> 646
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 646
Pro Gln Gln Pro Phe Pro Leu Gln Pro Gln Gln Ser Phe Leu Trp Gln
1   5   10   15

Ser Gln Gln Pro
            20

<210> 647
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 647
Pro Gln Gln Ser Phe Leu Trp Gln Ser Gln Gln Pro Phe Leu Gln Gln
1   5   10   15

Pro Gln Gln Pro
            20

<210> 648
<211> 20

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<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    648
Ser Gln Gln Pro Phe Leu Gln Gln Pro Gln Gln Pro Ser Pro Gln Pro
1                5                  10                  15

Gln Gln Val Val
            20

<210>    649
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    649
Pro Gln Gln Pro Ser Pro Gln Pro Gln Gln Val Val Gln Ile Ile Ser
1                5                  10                  15

Pro Ala Thr Pro
            20

<210>    650
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    650
Gln Gln Val Val Gln Ile Ile Ser Pro Ala Thr Pro Thr Thr Ile Pro
1                5                  10                  15

Ser Ala Gly Lys
            20

<210>    651
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    651
Pro Ala Thr Pro Thr Thr Ile Pro Ser Ala Gly Lys Pro Thr Ser Ala
1                5                  10                  15

Pro Phe Pro Gln
            20

<210>    652
<211>    20
<212>    PRT
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   652
Ser Ala Gly Lys Pro Thr Ser Ala Pro Phe Pro Gln Gln Gln Gln Gln
1   5   10   15

His Gln Gln Leu
            20

<210>   653

<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   653
Pro Phe Pro Gln Gln Gln Gln Gln His Gln Gln Leu Ala Gln Gln Gln
1   5   10   15

Ile Pro Val Val
            20

<210>   654
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   654
His Gln Gln Leu Ala Gln Gln Gln Ile Pro Val Val Gln Pro Ser Ile
1   5   10   15

Leu Gln Gln Leu
            20

<210>   655
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   655
Ile Pro Val Val Gln Pro Ser Ile Leu Gln Gln Leu Asn Pro Cys Lys
1   5   10   15

Val Phe Leu Gln
            20

<210>   656
<211>   20
<212>   PRT

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<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    656
Leu Gln Gln Leu Asn Pro Cys Lys Val Phe Leu Gln Gln Gln Cys Ser
1                5                   10                  15

Pro Val Ala Met
            20

<210>    657
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    657
Val Phe Leu Gln Gln Gln Cys Ser Pro Val Ala Met Pro Gln Arg Leu
1                5                   10                  15

Ala Arg Ser Gln
            20

<210>    658
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    658
Pro Val Ala Met Pro Gln Arg Leu Ala Arg Ser Gln Met Leu Gln Gln
1                5                   10                  15

Ser Ser Cys His
            20

<210>    659
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    659
Ala Arg Ser Gln Met Leu Gln Gln Ser Ser Cys His Val Met Gln Gln
1                5                   10                  15

Gln Cys Cys Gln
            20

<210>    660
<211>    20
<212>    PRT
<213>    Artificial Sequence
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<220>
<223>   wheat gliadin peptide

<400>   660
Ser Ser Cys His Val Met Gln Gln Gln Cys Cys Gln Gln Leu Pro Gln
1   5   10   15

Ile Pro Gln Gln
            20

<210>   661
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   661
Gln Cys Cys Gln Gln Leu Pro Gln Ile Pro Gln Gln Ser Arg Tyr Gln
1   5   10   15

Ala Ile Arg Ala
            20

<210>   662
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   662
Pro Gln Ile Pro Gln Gln Ser Arg Tyr Glu Ala Ile Arg Ala Ile Ile
1   5   10   15

Tyr Ser Ile Ile
            20

<210>   663
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   663
Ile Pro Gln Gln Ser Arg Tyr Gln Ala Ile Arg Ala Ile Ile Tyr Ser
1   5   10   15

Ile Ile Leu Gln
            20

<210>   664
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   664
Ala Ile Arg Ala Ile Ile Tyr Ser Ile Ile Leu Gln Glu Gln Gln Gln
1   5   10   15

Val Gln Gly Ser
            20

<210>   665
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   665
Ile Ile Leu Gln Glu Gln Gln Gln Val Gln Gly Ser Ile Gln Ser Gln
1   5   10   15

Gln Gln Gln Pro
            20

<210>   666
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   666
Val Gln Gly Ser Ile Gln Ser Gln Gln Gln Pro Gln Gln Leu Gly
1   5   10   15

Gln Cys Val Ser
            20

<210>   667
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   667
Gln Gln Gln Pro Gln Gln Leu Gly Gln Cys Val Ser Gln Pro Gln Gln
1   5   10   15

Gln Ser Gln Gln
            20

<210>   668
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>

<223>   wheat gliadin peptide

<400>   668
Gln Cys Val Ser Gln Pro Gln Gln Gln Ser Gln Gln Gln Leu Gly Gln
1   5   10   15

Gln Pro Gln Gln
          20

<210>   669
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   669
Gln Ser Gln Gln Gln Leu Gly Gln Gln Pro Gln Gln Gln Gln Leu Ala
1   5   10   15

Gln Gly Thr Phe
          20

<210>   670
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   670
Gln Pro Gln Gln Gln Gln Leu Ala Gln Gly Thr Phe Leu Gln Pro His
1   5   10   15

Gln Ile Ala Gln
          20

<210>   671
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   671
Gln Gly Thr Phe Leu Gln Pro His Gln Ile Ala Gln Leu Glu Val Met
1   5   10   15

Thr Ser Ile Ala
          20

<210>   672
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   672
Gln Ile Ala Gln Leu Glu Val Met Thr Ser Ile Ala Leu Arg Ile Leu
1   5   10   15

Pro Thr Met Cys
            20

<210>   673
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   673
Thr Ser Ile Ala Leu Arg Ile Leu Pro Thr Met Cys Ser Val Asn Val
1   5   10   15

Pro Leu Tyr Arg
            20

<210>   674
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   674
Pro Thr Met Cys Ser Val Asn Val Pro Leu Tyr Arg Thr Thr Thr Ser
1   5   10   15

Val Pro Phe Gly
            20

<210>   675
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   675
Pro Leu Tyr Arg Thr Thr Thr Ser Val Pro Phe Gly Val Gly Thr Gly
1   5   10   15

Val Gly Ala Tyr
            20

<210>   676
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>

<223>   wheat gliadin peptide

<400>   676
Thr Ile Thr Arg Thr Phe Pro Ile Pro Thr Ile Ser Ser Asn Asn Asn
1   5   10   15

His His Phe Arg
        20

<210>   677
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   677
Pro Thr Ile Ser Ser Asn Asn Asn His His Phe Arg Ser Asn Ser Asn
1   5   10   15

His His Phe His
        20

<210>   678
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   678
His His Phe Arg Ser Asn Ser Asn His His Phe His Ser Asn Asn Asn
1   5   10   15

Gln Phe Tyr Arg
        20

<210>   679
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   679
His His Phe His Ser Asn Asn Asn Gln Phe Tyr Arg Asn Asn Asn Ser
1   5   10   15

Pro Gly His Asn
        20

<210>   680
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400> 680
Gln Phe Tyr Arg Asn Asn Asn Ser Pro Gly His Asn Asn Pro Leu Asn
1   5   10   15

Asn Asn Asn Ser
            20

<210> 681
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 681
Pro Gly His Asn Asn Pro Leu Asn Asn Asn Asn Ser Pro Asn Asn Asn
1   5   10   15

Ser Pro Ser Asn
            20

<210> 682
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 682
Asn Asn Asn Ser Pro Asn Asn Asn Ser Pro Ser Asn His His Asn Asn
1   5   10   15

Ser Pro Asn Asn
            20

<210> 683
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 683
Ser Pro Ser Asn His His Asn Asn Ser Pro Asn Asn Asn Phe Gln Tyr
1   5   10   15

His Thr His Pro
            20

<210> 684
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

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<400>    684
Ser Pro Asn Asn Asn Phe Gln Tyr His Thr His Pro Ser Asn His Lys
1                   5                   10                  15

Asn Leu Pro His
            20


<210>    685

<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    685
His Thr His Pro Ser Asn His Lys Asn Leu Pro His Thr Asn Asn Ile
1                   5                   10                  15

Gln Gln Gln Gln
            20


<210>    686
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    686
Asn Leu Pro His Thr Asn Asn Ile Gln Gln Gln Gln Pro Pro Phe Ser
1                   5                   10                  15

Gln Gln Gln Gln
            20


<210>    687
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    687
Gln Gln Gln Gln Pro Pro Phe Ser Gln Gln Gln Gln Pro Pro Phe Ser
1                   5                   10                  15

Gln Gln Gln Gln
            20


<210>    688
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide
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<400> 688
Gln Gln Gln Gln Pro Pro Phe Ser Gln Gln Gln Pro Val Leu Pro
1   5   10   15

Gln Gln Ser Pro
            20

<210> 689
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 689
Gln Gln Gln Gln Pro Val Leu Pro Gln Gln Ser Pro Phe Ser Gln Gln
1   5   10   15

Gln Gln Leu Val
            20

<210> 690
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 690
Gln Gln Ser Pro Phe Ser Gln Gln Gln Gln Leu Val Leu Pro Pro Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210> 691
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 691
Gln Gln Leu Val Leu Pro Pro Gln Gln Gln Gln Gln Leu Val Gln
1   5   10   15

Gln Gln Ile Pro
            20

<210> 692
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 692

170

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Gln Gln Gln Gln Gln Leu Val Gln Gln Gln Ile Pro Ile Val Gln Pro
1               5                   10                  15

Ser Val Leu Gln
            20


<210>   693
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   693
Gln Gln Ile Pro Ile Val Gln Pro Ser Val Leu Gln Gln Leu Asn Pro
1               5                   10                  15

Cys Lys Val Phe
            20


<210>   694
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   694
Ser Val Leu Gln Gln Leu Asn Pro Cys Lys Val Phe Leu Gln Gln Gln
1               5                   10                  15

Cys Ser Pro Val
            20


<210>   695
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   695
Cys Lys Val Phe Leu Gln Gln Gln Cys Ser Pro Val Ala Met Pro Gln
1               5                   10                  15

Arg Leu Ala Arg
            20


<210>   696
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   696
Cys Ser Pro Val Ala Met Pro Gln Arg Leu Ala Arg Ser Gln Met Trp
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Gln Gln Ser Ser
            20

<210>   697
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   697
Arg Leu Ala Arg Ser Gln Met Trp Gln Gln Ser Ser Cys His Val Met
1   5   10   15

Gln Gln Gln Cys
            20

<210>   698
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   698
Gln Gln Ser Ser Cys His Val Met Gln Gln Gln Cys Cys Gln Gln Leu
1   5   10   15

Gln Gln Ile Pro
            20

<210>   699
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   699
Gln Gln Gln Cys Cys Gln Gln Leu Gln Gln Ile Pro Glu Gln Ser Arg
1   5   10   15

Tyr Glu Ala Ile
            20

<210>   700
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   700
Gln Gln Ile Pro Glu Gln Ser Arg Tyr Glu Ala Ile Arg Ala Ile Ile
1   5   10   15

172

Tyr Ser Ile Ile
            20

<210>   701
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   701
Tyr Glu Ala Ile Arg Ala Ile Ile Tyr Ser Ile Ile Leu Gln Glu Gln
1   5   10   15

Gln Gln Gly Phe
            20

<210>   702
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   702
Tyr Ser Ile Ile Leu Gln Glu Gln Gln Gly Phe Val Gln Pro Gln
1   5   10   15

Gln Gln Gln Pro
            20

<210>   703
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   703
Gln Gln Gly Phe Val Gln Pro Gln Gln Gln Pro Gln Gln Ser Gly
1   5   10   15

Gln Gly Val Ser
            20

<210>   704
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   704
Gln Gln Gln Pro Gln Gln Ser Gly Gln Gly Val Ser Gln Ser Gln Gln

Gln Ser Gln Gln
            20

<210>   705
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   705
Gln Gly Val Ser Gln Ser Gln Gln Gln Ser Gln Gln Gln Leu Gly Gln
1   5   10   15

Cys Ser Phe Gln
            20

<210>   706
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   706
Gln Ser Gln Gln Gln Leu Gly Gln Cys Ser Phe Gln Gln Pro Gln Gln
1   5   10   15

Gln Leu Gly Gln
            20

<210>   707
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   707
Cys Ser Phe Gln Gln Pro Gln Gln Gln Leu Gly Gln Gln Pro Gln Gln
1   5   10   15

Gln Gln Gln Gln
            20

<210>   708
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   708
Gln Leu Gly Gln Gln Pro Gln Gln Gln Gln Gln Gln Gln Val Leu Gln
1   5   10   15

Gly Thr Phe Leu
            20

<210>   709
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   709
Gln Gln Gln Gln Gln Val Leu Gln Gly Thr Phe Leu Gln Pro His Gln
1   5   10   15

Ile Ala His Leu
            20

<210>   710
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   710
Gly Thr Phe Leu Gln Pro His Gln Ile Ala His Leu Glu Ala Val Thr
1   5   10   15

Ser Ile Ala Leu
            20

<210>   711
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   711
Ile Ala His Leu Glu Ala Val Thr Ser Ile Ala Leu Arg Thr Leu Pro
1   5   10   15

Thr Met Cys Ser
            20

<210>   712
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   712
Ser Ile Ala Leu Arg Thr Leu Pro Thr Met Cys Ser Val Asn Val Pro
1   5   10   15

Leu Tyr Ser Ala
          20

<210>   713
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   713
Thr Met Cys Ser Val Asn Val Pro Leu Tyr Ser Ala Thr Thr Ser Val
1   5   10   15

Pro Phe Gly Val
          20

<210>   714
<211>   19
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   714
Leu Tyr Ser Ala Thr Thr Ser Val Pro Phe Gly Val Gly Thr Gly Val
1   5   10   15

Gly Ala Tyr

<210>   715
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   715
Ser Cys Ile Ser Gly Leu Glu Arg Pro Trp Gln Gln Gln Pro Leu Pro
1   5   10   15

Pro Gln Gln Ser
          20

<210>   716
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   716
Pro Trp Gln Gln Gln Pro Leu Pro Pro Gln Gln Ser Phe Ser Gln Gln
1   5   10   15

176

Pro Pro Phe Ser
          20

<210>   717
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   717
Pro Gln Gln Ser Phe Ser Gln Gln Pro Pro Phe Ser Gln Gln Gln Gln
1   5   10   15

Gln Pro Leu Pro
          20

<210>   718
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   718
Pro Pro Phe Ser Gln Gln Gln Gln Gln Pro Leu Pro Gln Gln Pro Ser
1   5   10   15

Phe Ser Gln Gln
          20

<210>   719
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   719
Gln Pro Leu Pro Gln Gln Pro Ser Phe Ser Gln Gln Gln Pro Pro Phe
1   5   10   15

Ser Gln Gln Gln
          20

<210>   720
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   720
Phe Ser Gln Gln Gln Pro Pro Phe Ser Gln Gln Gln Pro Ile Leu Ser
1   5   10   15

Gln Gln Pro Pro

177

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<210>    721
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    721
Ser Gln Gln Gln Pro Ile Leu Ser Gln Gln Pro Pro Phe Ser Gln Gln
1                5                   10                  15

Gln Gln Pro Val
            20

<210>    722
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    722
Ala Thr Ala Ala Arg Glu Leu Asn Pro Ser Asn Lys Glu Leu Gln Ser
1                5                   10                  15

Pro Gln Gln Ser
            20

<210>    723
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    723
Pro Ser Asn Lys Glu Leu Gln Ser Pro Gln Gln Ser Phe Ser Tyr Gln
1                5                   10                  15

Gln Gln Pro Phe
            20

<210>    724
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    724
Pro Gln Gln Ser Phe Ser Tyr Gln Gln Gln Pro Phe Pro Gln Gln Pro
1                5                   10                  15

Tyr Pro Gln Gln
            20
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<210>    725
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    725
Gln Gln Pro Phe Pro Gln Gln Pro Tyr Pro Gln Gln Pro Tyr Pro Ser
1                5                   10                  15

Gln Gln Pro Tyr
            20


<210>    726
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    726
Tyr Pro Gln Gln Pro Tyr Pro Ser Gln Gln Pro Tyr Pro Ser Gln Gln
1                5                   10                  15

Pro Phe Pro Thr
            20


<210>    727
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    727
Gln Gln Pro Tyr Pro Ser Gln Gln Pro Phe Pro Thr Pro Gln Gln Gln
1                5                   10                  15

Phe Pro Glu Gln
            20


<210>    728

<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    728
Pro Phe Pro Thr Pro Gln Gln Gln Phe Pro Glu Gln Ser Gln Gln Pro
1                5                   10                  15

Phe Thr Gln Pro
            20
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<210> 729
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 729
Phe Pro Glu Gln Ser Gln Gln Pro Phe Thr Gln Pro Gln Gln Pro Thr
1   5   10   15

Pro Ile Gln Pro
            20

<210> 730
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 730
Phe Thr Gln Pro Gln Gln Pro Thr Pro Ile Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Gln Gln Pro
            20

<210> 731
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 731
Pro Ile Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Gln
1   5   10   15

Gln Pro Phe Pro
            20

<210> 732
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 732
Pro Gln Gln Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln
1   5   10   15

Pro Phe Pro Trp
            20

<210> 733
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 733
Gln Pro Phe Pro Gln Pro Gln Gln Pro Phe Pro Trp Gln Pro Gln Gln
1   5   10   15

Pro Phe Pro Gln
        20

<210> 734
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 734
Pro Phe Pro Trp Gln Pro Gln Gln Pro Phe Pro Gln Thr Gln Gln Ser
1   5   10   15

Phe Pro Leu Gln
        20

<210> 735
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 735
Pro Phe Pro Gln Thr Gln Gln Ser Phe Pro Leu Gln Pro Gln Gln Pro
1   5   10   15

Phe Pro Gln Gln
        20

<210> 736
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> wheat gliadin peptide

<400> 736
Phe Pro Leu Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro
1   5   10   15

Phe Pro Gln Pro
        20

<210> 737

181

<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   737
Phe Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Leu Pro Phe
1   5   10   15

Pro Gln Gln Ser
         20

<210>   738
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   738
Phe Pro Gln Pro Gln Leu Pro Phe Pro Gln Gln Ser Glu Gln Ile Ile
1   5   10   15

Pro Gln Gln Leu
         20

<210>   739
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   739
Pro Gln Gln Ser Glu Gln Ile Ile Pro Gln Gln Leu Gln Gln Pro Phe
1   5   10   15

Pro Leu Gln Pro
         20

<210>   740
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   740
Pro Gln Gln Leu Gln Gln Pro Phe Pro Leu Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Gln Gln Pro
         20

<210>   741
<211>   20

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<212>    PRT
<213>    Artificial Sequence

<220>
<223>    wheat gliadin peptide

<400>    741
Pro Leu Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe
1                   5                   10                  15

Pro Gln Pro Gln
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<210>    742
<211>    20
<212>    PRT
<213>    Artificial Sequence

<220>
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<400>    742
Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Pro Gln Gln Pro Ile Pro
1                   5                   10                  15

Val Gln Pro Gln
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<210>    743
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<212>    PRT
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<220>
<223>    wheat gliadin peptide

<400>    743
Pro Gln Pro Gln Gln Pro Ile Pro Val Gln Pro Gln Gln Ser Phe Pro
1                   5                   10                  15

Gln Gln Ser Gln
            20

<210>    744
<211>    20
<212>    PRT
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<220>
<223>    wheat gliadin peptide

<400>    744
Val Gln Pro Gln Gln Ser Phe Pro Gln Gln Ser Gln Gln Ser Gln Gln
1                   5                   10                  15

Pro Phe Ala Gln
            20

<210>    745
<211>    20
<212>    PRT
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   745
Gln Gln Ser Gln Gln Ser Gln Gln Pro Phe Ala Gln Pro Gln Gln Leu
1   5   10   15

Phe Pro Glu Leu
            20

<210>   746
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<220>
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<400>   746
Pro Phe Ala Gln Pro Gln Gln Leu Phe Pro Glu Leu Gln Gln Pro Ile
1   5   10   15

Pro Gln Gln Pro
            20

<210>   747
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<220>
<223>   wheat gliadin peptide

<400>   747
Phe Pro Glu Leu Gln Gln Pro Ile Pro Gln Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Leu Gln Pro
            20

<210>   748
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<220>
<223>   wheat gliadin peptide

<400>   748
Pro Gln Gln Pro Gln Gln Pro Phe Pro Leu Gln Pro Gln Gln Pro Phe
1   5   10   15

Pro Gln Gln Pro
            20

<210>   749
<211>   20

184

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<212>    PRT
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<220>
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<400>    749
Pro Leu Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Pro Phe
1                   5                   10                  15

Pro Gln Gln Pro
            20

<210>    750
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<220>
<223>    wheat gliadin peptide

<400>    750
Pro Gln Gln Pro Gln Gln Pro Phe Pro Gln Gln Pro Gln Gln Ser Phe
1                   5                   10                  15

Pro Gln Gln Pro
            20

<210>    751
<211>    20
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<220>
<223>    wheat gliadin peptide

<400>    751
Pro Gln Gln Pro Gln Gln Ser Phe Pro Gln Gln Pro Gln Gln Pro Tyr
1                   5                   10                  15

Pro Gln Gln Gln
            20

<210>    752
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<220>
<223>    wheat gliadin peptide

<400>    752
Pro Gln Gln Pro Gln Gln Pro Tyr Pro Gln Gln Gln Pro Tyr Gly Ser
1                   5                   10                  15

Ser Leu Thr Ser
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<210>    753
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<212>    PRT
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   753
Pro Gln Gln Gln Pro Tyr Gly Ser Ser Leu Thr Ser Ile Gly Gly Gln
1   5   10   15

<210>   754
<211>   20
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<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   754
Ala Arg Gln Leu Asn Pro Ser Asp Gln Glu Leu Gln Ser Pro Gln Gln
1   5   10   15

Leu Tyr Pro Gln
            20

<210>   755
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   755
Gln Glu Leu Gln Ser Pro Gln Gln Leu Tyr Pro Gln Gln Pro Tyr Pro
1   5   10   15

Gln Gln Pro Tyr
            20

<210>   756
<211>   20
<212>   PRT
<213>   Artificial Sequence

<220>
<223>   wheat gliadin peptide

<400>   756
Ser Arg Leu Leu Ser Pro Arg Gly Lys Glu Leu His Thr Pro Gln Glu
1   5   10   15

Gln Phe Pro Gln
            20

<210>   757
<211>   20
<212>   PRT
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<220>

<223>   wheat gliadin peptide

<400>   757
Lys Glu Leu His Thr Pro Gln Glu Gln Phe Pro Gln Gln Gln Phe
1   5   10   15

Pro Gln Pro Gln
            20

<210>   758
<211>   16
<212>   PRT
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<220>
<223>   wheat gliadin peptide

<400>   758
Gln Phe Pro Gln Gln Gln Gln Phe Pro Gln Pro Gln Gln Phe Pro Gln
1   5   10   15